



orbit[®]
Orbit Industries, Inc.

YOUR UNIVERSAL SOURCE FOR **ELECTRICAL PRODUCTS**

www.orbitelectric.com



CATALOG



Orbit Product Lines

Your Universal Source for Electrical Products



P PREFAB PRODUCTS & SERVICES



A ELECTRICAL BOXES,
COVERS & ACCESSORIES



B NEMA ENCLOSURES



C WEATHERPROOF
PRODUCTS



D ELECTRICAL FITTINGS



E CONDUIT BODIES



F FASTENING &
SUPPORT SOLUTIONS



G WIRING DEVICES



H LED LIGHTING



I LOW VOLTAGE & LINE
VOLTAGE LIGHTING



J EXIT & EMERGENCY
LIGHTING

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ORBIT INDUSTRIES
EXCLUSIVE

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A ELECTRICAL BOXES, COVERS & ACCESSORIES

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Y PRODUCT INDEX



David Nikayin
President
Orbit Industries, Inc.

Dear Valued Customer,

As the C.E.O. of Orbit Industries, Inc., it is my pleasure to welcome you to our latest Master Catalog 37. As a premier electrical manufacturer founded by contractors, my team and I have strived to present you with a comprehensive, yet user-friendly catalog experience.

We take pride in our commitment to staying at the forefront of new technologies while remaining true to our roots and values. Our mission is to provide you with the best service and quality products in the industry and to always act as a trusted member of your business family.

In this catalog, you will find a range of new and innovative prefab products, including award-winning products like the Rooftop Pedestal Post (PP-30 & PP-60) and Box Mounted Cable Support (BMCS), as well as a brand-new line of Ready-To-Install boxes and brackets developed in partnership with our contractor partners.

We are also proud to offer America's largest inventory of electrical products, with 220,000 square feet of distribution center capacity on the West Coast and 450,000 square feet on the East Coast, allowing us to deliver anywhere in the continental United States in as little as 3 days or less.

I invite you to explore Catalog 37, which features an extensive list of our current and new products, and please do not hesitate to reach out to us for any support or assistance you may need.

Thank you for your continued support, and we look forward to working with you in the future.

Sincerely,

David Nikayin

COMPANY HISTORY

Founded in 1997 by a group of electrical contractors, Orbit Industries, Inc. started as a small manufacturing company in Commerce, CA—selling a modest catalog of enclosures and receptacles to electrical distributors in the Southland. Over the past twenty-five years, Orbit has become a leading manufacturer of prefab products & systems, junction boxes, rings, and enclosures.

Since day one, SERVICE, QUALITY, and INNOVATION have been Orbit's guiding principles. Staying true to these guiding principles, Orbit has invested heavily to expand and maintain distribution centers (DC's) on both coasts; while also investing in research and development of new, innovative products.

In 2018, Orbit leveraged its electrical contracting expertise and established its service division, PROFAB, with the assistance of a team of industry experts. The division was established with the goal of providing enhanced value and support for contractors and their distributors. PROFAB positions itself as "Your Partner in Prefabrication" and offers turn-key, made-to-order services to construction firms. This allows these firms to manage overflow work during periods of high demand or to explore the benefits of prefabrication.

PROFAB
ENGINEERED ELECTRICAL SYSTEMS

EXTENSIVE INVENTORY

With 220,000 Sq. Ft. of DC space in the West; 450,000 Sq. Ft. of space in the East; and a nationwide network of warehouses, Orbit boasts one of the largest inventories of electrical products in the country. This inventory enables Orbit to deliver all of our quality products within the shortest possible lead times. With an industry-leading fill rate, distributors can focus more on customers; less on back-orders.

Despite offering a comprehensive range of over 11 product lines, Orbit maintains a streamlined process of single-order, shipment, and invoicing, providing a convenient and efficient business experience.





Innovative Labor Saving Solutions

As a manufacturer started by contractors, Orbit knows that great products are the ones that solve real problems in the field. That's why Orbit's prefab line delivers solutions optimized for job site productivity and flexibility. Every Orbit prefab product is designed with the installer in mind, providing:

- Efficient installations for reduced labor
- Increased safety and control
- Ability to bid and complete jobs more effectively
- A reduction of on-site accidents and waste

Prefabrication Services

Orbit's PROFAB division offers its services to contractors seeking comprehensive engineered electrical systems for their projects. PROFAB's team of experienced technicians can provide:

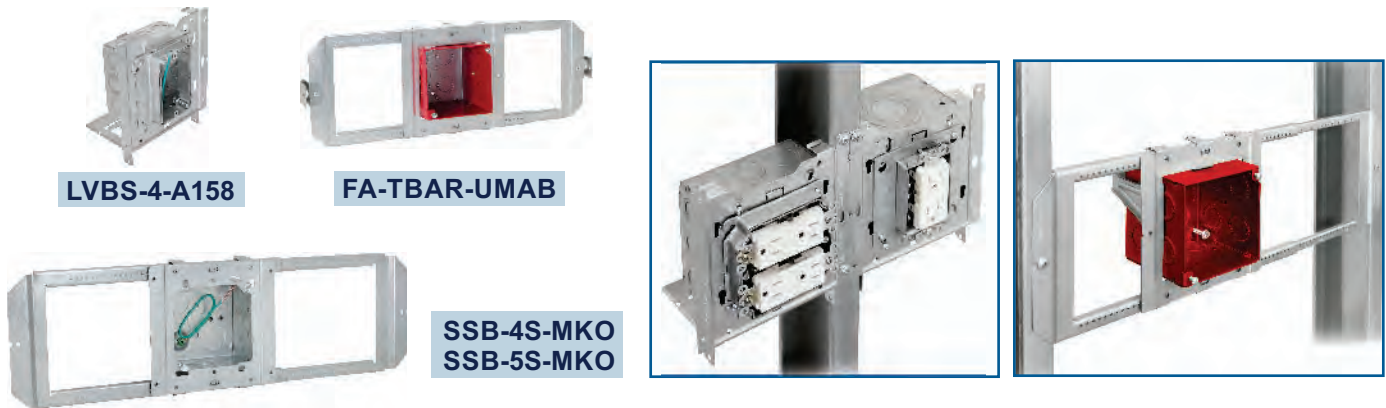
- **Assembly Services** - includes brackets with boxes and rings, wired assemblies, ready-to-install load centers, and more.
- **Scope, Design & Engineering** - full collaboration at the beginning of a project. Can include scope of work and design of floor plans and installation drawings.
- **Kitting and Delivery Coordination** - PROFAB can organize "Room-In-A-Box" packages tailored to each room and floor of the project. Each set of packages includes installation drawings and tags for studs, assemblies, and cabling - providing an intuitive "paint-by-numbers" approach to rough-in.
- **Fast Lead Times and Shipping** - dedicated fabrication shops on both coasts allow for timely shipping to practically any job site in the continental USA.

See page P34 to learn more about PROFAB's service offering.

Quick Response Manufacturing (QRM)

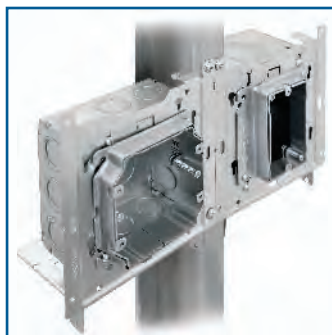
As a privately owned manufacturer, Orbit has the capabilities to produce products specifically upon request. Our 90-Day Quick Response Manufacturing (QRM) policy can take your innovative ideas and bring it to market in just 90 days. Some examples of products developed through QRM are the Recessed Light Adapter Plates (pg. P19), Box & Conduit Hanger Support Plates (pg. P20), Pedestal Posts (pg. P17) and more!

Ready-To-Install Products | Pg. P7 - 8 **PATENTED**

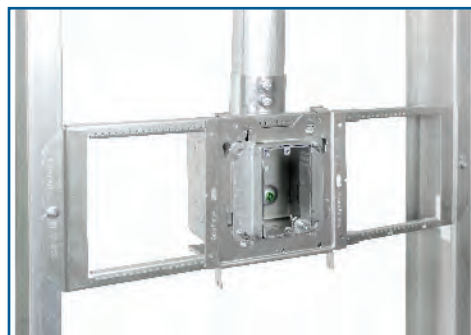


**IN-STOCK,
PRE-ASSEMBLED
ROUGH-IN PRODUCTS**

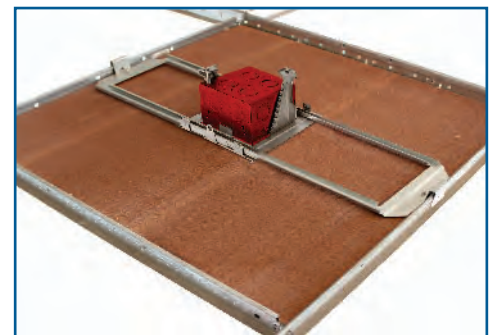
With Orbit's Ready-To-Install product line, contractors can take more control of their TRUE cost - and order assemblies as ONE part number. Catalog products ship immediately, with little assembly required on site. Results in less planning, handling, and waste.



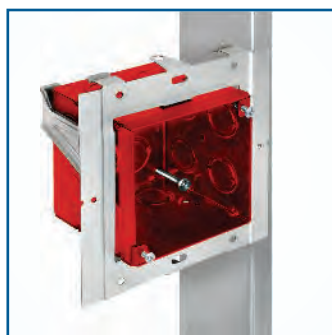
DIRECT-TO-STUD



BETWEEN STUDS



CEILING T-BAR



FIRE ALARM



ADJUSTABLE MULTI-GANG

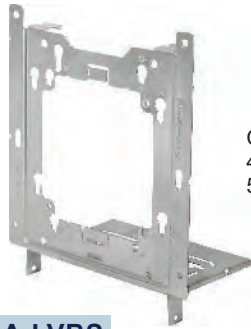


CEILING HARD LID



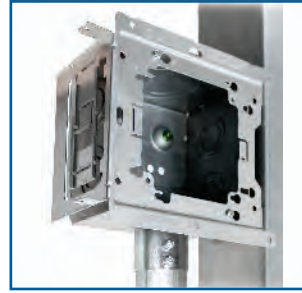


Universal Mounting Adapter With Back Support | Pg. P1 - 7, F18 **PATENTED**



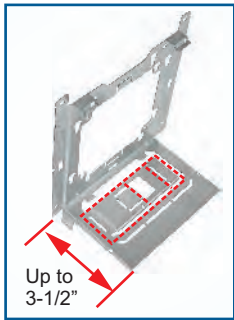
Compatible with
4", 4-11/16" &
5" Sq. Boxes

UMA-LVBS



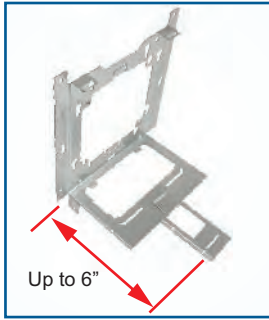
90 DEGREE ROTATION (Stud Mount)

UMA-LVBS can be mounted vertical or horizontal. Box will be able to receive large conduit without removal of back support



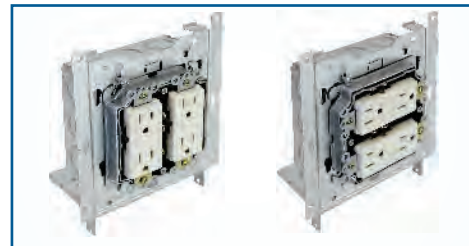
Up to
3-1/2"

SNAP-OFF



Up to 6"

TOOL-LESS INSTALLATION



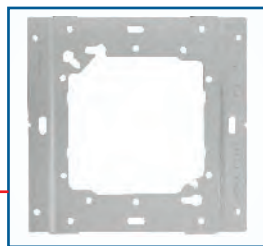
VERTICAL & HORIZONTAL RING INSTALLATION

All *AR1G- & *AR2G- rings install vertical or horizontal

ACHIEVE 90% OF ELECTRICAL BOX ROUGH-IN

Updated in May 2023, the UMA-LVBS has five new features making the already popular adapter more versatile than ever before!

Universal Mounting Adapter | Pg. P1, P3, P7, P11, F18

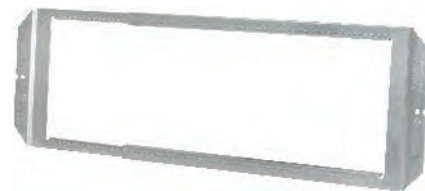


Compatible with
4" & 4-11/16"
Sq. Boxes &
Multigang Boxes

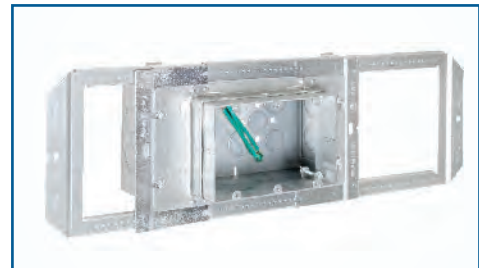
UMA



Multigang Box



SSB-T5

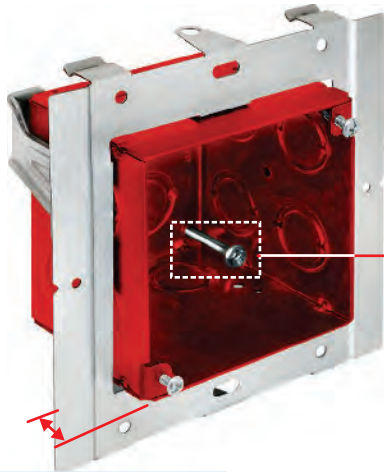


Break UMA in half to mount Multigang Boxes

THE ORIGINAL SSB SYSTEM ADAPTER

Universal Mounting Adapter (UMA) is the base adapter on Orbit's Ready-To-Install SSB Assemblies. UMA is compatible with 4" & 4-11/16" sq. boxes as well as multigang boxes. Lastly, the UMA can be used with any style of adjustable mud ring.

Universal Mounting Internal Adjustable Boxes | Pg. P5 - 6



Adjustable 1/2" to 1-1/2"

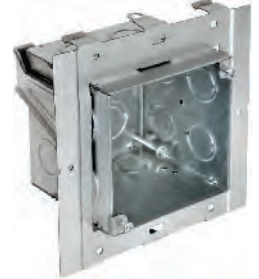


TRI-COMBO HEX SCREW



FA-UMIAB-35

NEW



UMIAB-35

NEW

INTERNAL ADJUSTMENT

BEST WAY TO MOUNT LIFE SAFETY DEVICES

New to the Universal Mounting Adjustable Box (UMAB) Series, the UMIAB-35 is adjustable from the inside whereas the traditional UMAB is adjustable from external screws. Choose between internal or external adjustment 4" sq., 3-1/2" deep boxes, unpainted or in a red powder coat finish.

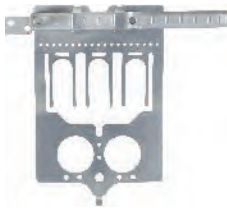
Box Mounted Cable/Conduit Support | Pg. P2, F16

EC&M Product of the Year 2015
2015 Category Winner

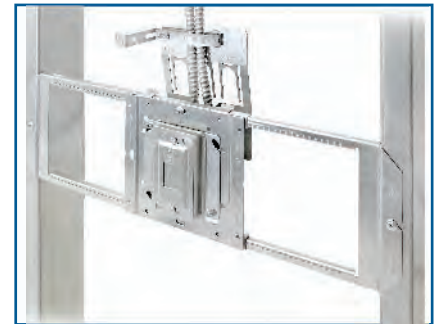
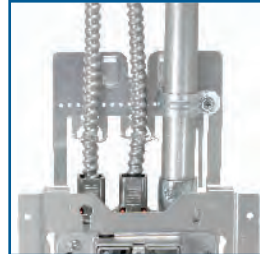
PATENT PENDING



BMCS



BMCS-CJ6



NO MORE FIELD-INSTALLED FIRST MEANS OF SUPPORT

The BMCS Series secures raceway within 6" of the attached junction box, satisfying NEC 330.30 (B) without the need for an extra bar hanger. The BMCS fits 4", 4-11/16" and even 5" outlet boxes. BMCS attaches directly to a junction box with just a single Tek screw. BMCS-CJ6 features a bendable, snap-close cable support that holds up to four MC or AC cables without tools.



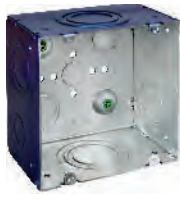
True 5" Square Boxes and Accessories | Pg. P27, A22, B3, F22



T5B-50/200



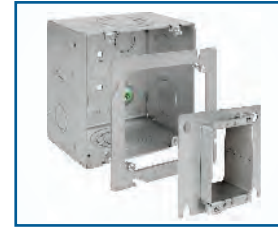
T5B-200 NEW



B-T5B



T5R

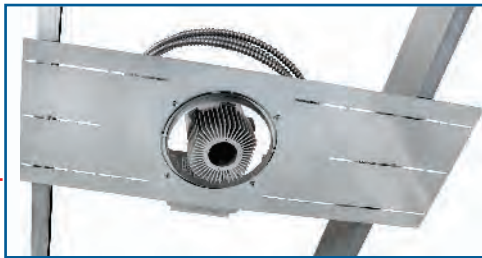


T5R includes the pre-installed screws prepared to take any 4" Ring

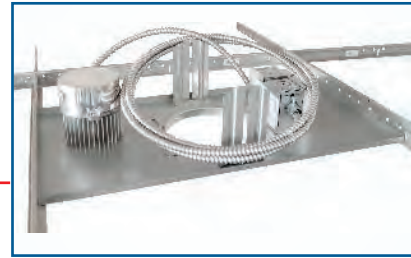
DOUBLE THE CAPACITY HALF THE STRUGGLE

With more than double the capacity of standard 4" square boxes, Orbit's True 5" Square Boxes (T5) provide the space needed to handle modern-day hospital, commercial, government and university data needs. The T5 Series consists of three styles, measuring 3-1/4" Deep and 71.8 Cu. In. of space. All T5 Boxes accommodate up to a 2" Fitting. Mounting accessories include the UMA-LVBS (pg. P1), Flat Bracket Series (pg. P13) and more!

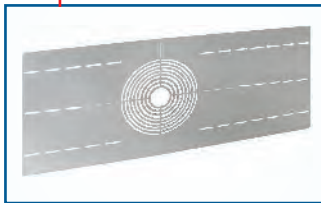
Recessed Light Adapter Plates | Pg. P19 **PATENTED**



HARD LID

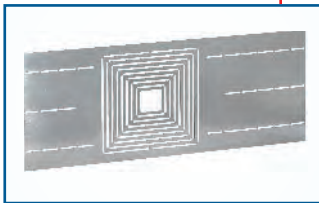


T-BAR CEILING



RAP

2" to 8" opening



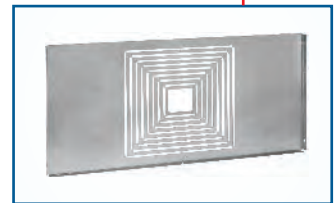
RAP-SQ NEW

2" to 10" opening



RAP-T

2" to 8" opening



RAP-T-SQ NEW

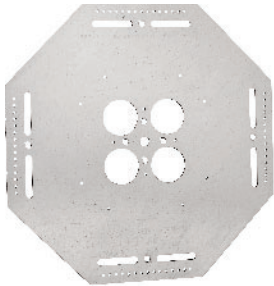
2" to 10" opening

INSTALL DOWNLIGHTS & SPEAKERS 4X FASTER

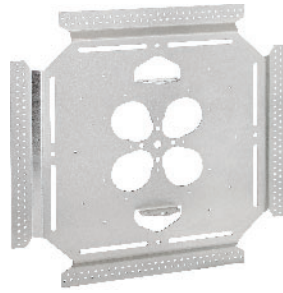
Orbit's Recessed Light Adapter Plates are a fast and convenient solution for installing recessed lighting fixtures or speakers in Hard Lid or Drop (T-Bar) ceilings. Allows for a wide range of round and square recessed lighting fixtures or speakers to be preassembled at waist height before moving to the jobsite for a quicker installation. New models range from 2" to 10" opening.

Box & Conduit Hanger Support Plates | Pg. P20, B4, F26

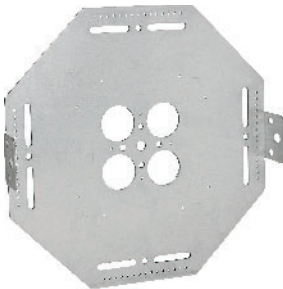
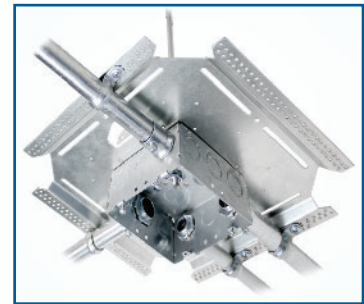
PATENTED



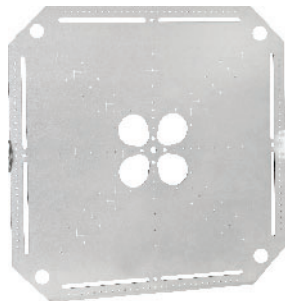
BCHS-10



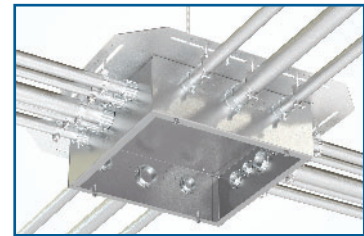
BCHS-8S



BCHS-6



BCHS-12



HANG BOXES & CONDUITS WITH ONLY ONE POINT OF ATTACHMENT!

Hang boxes and conduits with only one plate and rod! Replace traditional methods of suspended conduit installations with the Box & Conduit Hanger Support Plates (BCHS). Use one piece of all-thread and one plate to support multiple conduits instead of measuring and cutting multiple pieces of rod. The more pieces of conduit involved, the more saving the BCHS plates will provide.

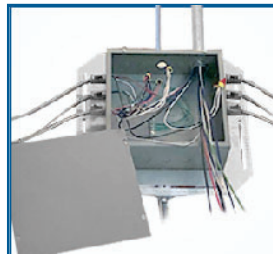
Specialty Enclosures | Pg. P26, B3



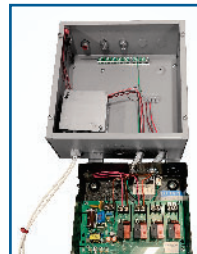
12124-50 NEW



12124-850 NEW



Shown installed to BCHS-12, MC cables connected to 1/2" K.O.s



Shown fabricated to lighting panel, used as pull box



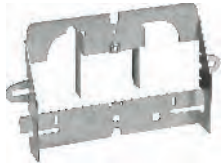
Shown fabricated with pre-wired lighting relay devices, ready-to-install

ELIMINATE NEED TO MANUALLY PUNCH K.O.'S

Developed through contractor demand, the 12124-50 & 12124-850 are NEMA 1 enclosures ideal for Lighting Controls or "Home Runs". The 12124-50 features twenty 1/2" side K.O.s, whereas the 12124-850 has thirty-two 1/2" side K.O.s. Both models have a 1" to 1-1/4" C.K.O. on the back. Pairs well with BCHS-12 Plate.



Drop-On Bar Slider Brackets | Pg. P10, A39 **PATENTED**



BARB



BARB-CS



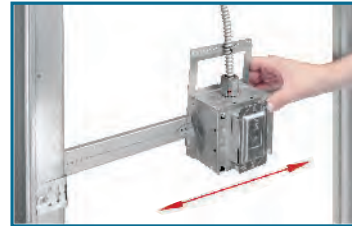
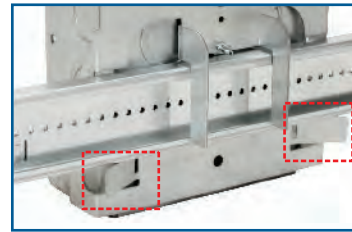
BHA-16

Adjust from 11" to 18"



BHA-24

Adjust from 15-3/4" to 26"



Once the BHA is installed on studs, the box assembly can be adjusted along the hanger

**QUICKLY DROP
BOXES ONTO
ADJUSTABLE
BAR HANGERS**

The Drop-On-Bar Slider Brackets (BARB & BARB-CS) attach to 4" and 4-11/16" square boxes, creating a versatile box assembly which can then be dropped onto Orbit's Adjustable Bar Hanger (BHA-16 or BHA-24) and conveniently repositioned. This unique method of box on bracket allows the installer to Prefab using traditional Bar Hangers.

Height Adjustable Box Installation Template | Pg. P16 **PATENTED**



FRONT



BACK



STACKED



**THE MORE YOU USE IT,
THE MORE YOU SAVE**

The Height Adjustable Box Installation Template (HABIT) is a reusable tool used to mount boxes and brackets at a consistent height. The HABIT's adjustable, magnetic platform can be preset in heights up to 21". Built-in magnets firmly hold assemblies in place for a uniform installation. Multiple HABITs can even be stacked, allowing for installations in heights up to 49".

Rooftop Pedestal Posts | Pg. P17 **PATENTED**



SHOWN INSTALLED



PP-30-B



PP-60-B



PP-30-S



PP-60-S



EC&M
Product of the Year
2021 Category Winner



PPEC-12 **NEW**

12" Extension Coupling

**SERVE POWER TO 99%
OF ALL COMMON
ROOFTOP EQUIPMENT**

Orbit's patented Pedestal Posts are NEMA 3R Listed raceways requires just one roof penetration, without the need for extra bracing. Available in 30" and 60" heights, the two-piece design reduces the amount of labor and material required to "stick-build" similar solutions in the field. Extension Coupling (PPEC-12) adds 12" of height to Stands (sold separately).

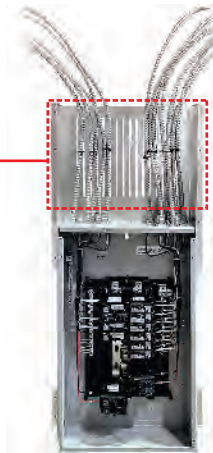
Load Center Bracket | Pg. P21



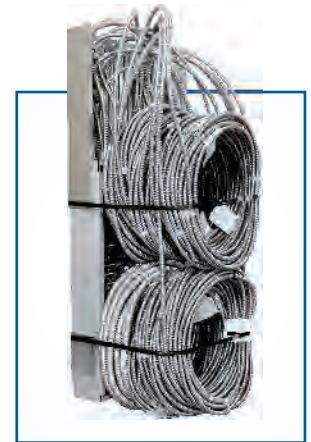
LCB-16 **NEW**



Vertical Cable Slots



Support MC/AC and Flex cable tool-free with MSC fastener



LCB-16 with Load Center and MC cable whips, shown prepared for shipment to jobsite

**BEST WAY TO INSTALL
PRE-WIRED LOAD CENTERS
BETWEEN STUDS**

Load Center Bracket for 16" stud bays (LCB-16), is a two-piece steel bracket designed for load center prefabrication. It features vertical slots to support multiple MC/AC or Flex cable runs. Outer flanges mount directly to the stud face. Vertical slots accept wide range of cable straps or ties. Bracket allows load center packages to travel safely with cable whips and fittings attached.

SIMPLE SUPPORT BRACKETS FAMILY

PRODUCT FEATURES

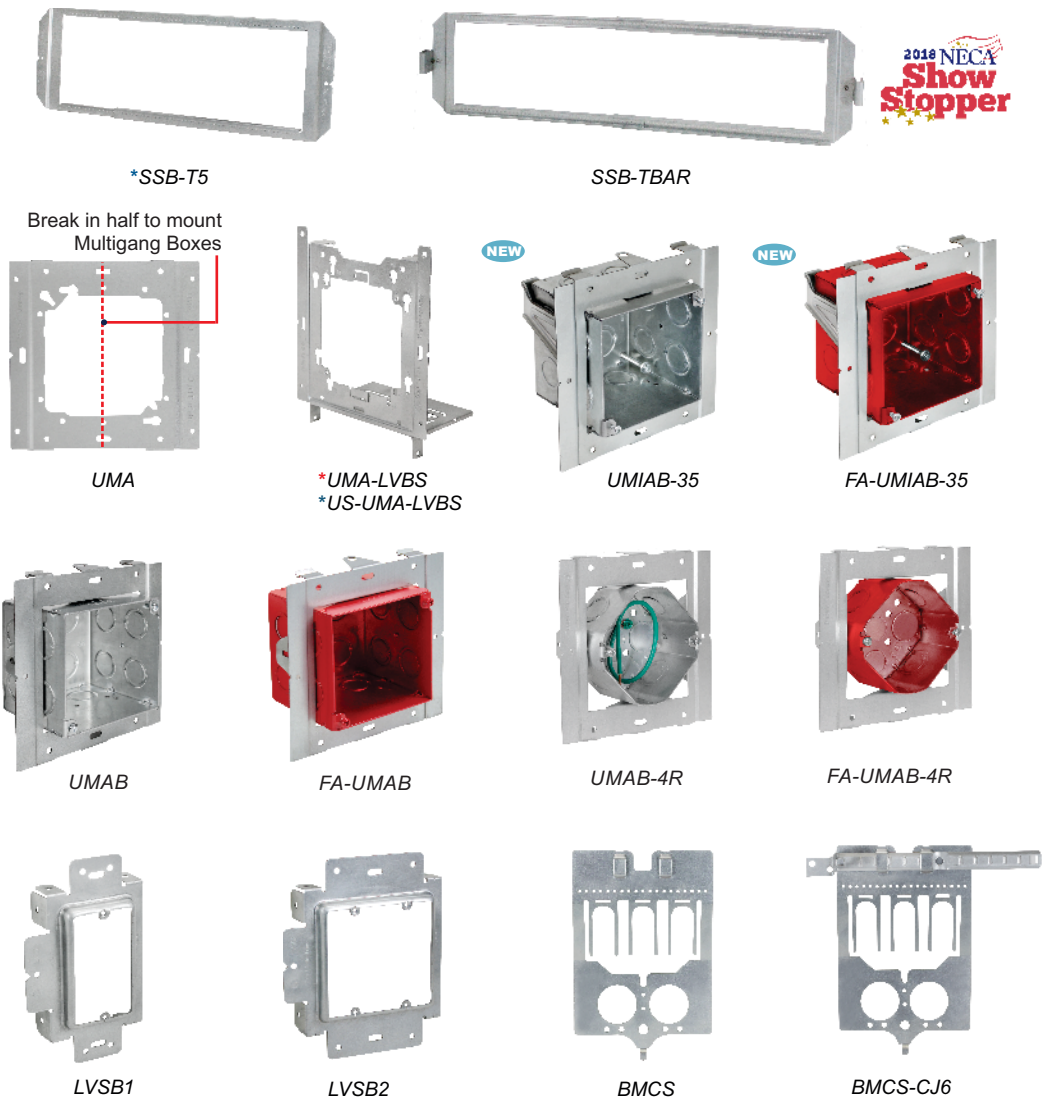
- ▶ **SSB Brackets** adjust from 15" to 25", rigidity eliminates need for farside back support
- ▶ **SSB Brackets** accept 4", 4-11/16" & 5" Sq. Boxes; must be paired with UMA-LVBS to mount 5" Sq. Boxes
- ▶ **SSB Brackets** expand without removing adapters or junction boxes (ideal for prefabrication)
- ▶ ***SSB-T5** installs between wall studs or overhead between hard lid ceiling joists
- ▶ **SSB-TBAR** includes two riveted clips for T-bar drop ceiling installation
- ▶ Must use **5SLB-2MKO** (pg. P28) or **T5B's** (pg. P27) with **SSB Brackets** for 1-1/4" or larger conduit
- ▶ **UMA, UMA-LVBS's, UMAB's & UMIAB's** either mount direct-to-stud or clip onto **SSB Brackets**
- ▶ **UMA** compatible with all Orbit Adj. Rings
- ▶ **UMA-LVBS's** compatible with all Orbit Adj. Rings except for *SAR2G models; allows for *AR2G-58 models to mount vertical or horizontal
- ▶ **UMA-LVBS's** allow 4" rings to be mounted independently of boxes, can be used with any size box
- ▶ **UMAB's & UMIAB's** ship with boxes set at 5/8" raise
- ▶ **UMAB's & UMIAB's** are ideal for Life Safety systems rough-in
- ▶ **LVSB1 & LVSB2** eliminate need for an electrical box in low voltage applications on **SSB Brackets**
- ▶ See pg. P2 – P8 for more SSB System Product Features

NOTE

- ▶ **SSB Brackets** must be accompanied with either **UMA** or **UMA-LVBS's** to mount a junction box. **UMAB's/UMIAB's** also snap onto **SSB Brackets**.
- ▶ Made in USA SSB-T5 available upon request

Cat. No.	Description	Std. Pkg.
*SSB-T5	Simple Support Bracket adjusts from 15" to 25" for mounting 4", 4-11/16" & 5" Sq. boxes between studs 25	
SSB-TBAR	SSB-T5 with T-bar Drop Ceiling Mounting Clips	20
UMA	Universal Mounting Adapter for 4" and 4-11/16" Sq. boxes & multigang boxes to mount to SSB-T5, 25 SSB-TBAR, USB and directly to stud. Break in half to mount multigang boxes	
*UMA-LVBS	Universal Mounting Adapter w/ Back Support (up to 6"), allows for 4", 4-11/16" & 5" Sq. boxes to mount to SSB-T5, SSB-TBAR, USB and directly to stud	25
*US-UMA-LVBS <small>NEW</small>	Made in USA UMA-LVBS	25
UMIAB-35 <small>NEW</small>	Internal Adjustment 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 1/2" to 1-1/2"	10
FA-UMIAB-35 <small>NEW</small>	Internal Adjustment Red 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 1/2" to 1-1/2"	10
UMAB	External Adjustment 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 0" to 1-1/2"	10
FA-UMAB	External Adjustment Red 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 0" to 1-1/2"	10
UMAB-4R	External Adjustment 4" (4O), 2-1/8" Deep Box w/ 10" PT, 21.1 Cu. In., Adj. range: 0" to 1-1/2"	20
FA-UMAB-4R	External Adjustment Red 4" (4O), 2-1/8" Deep Box, 21.1 Cu. In., Adj. range: 0" to 1-1/2"	20
LVSB1	Low Voltage Stud Mounting Bracket 1-Gang, 1/2" raise	50
LVSB2	Low Voltage Stud Mounting Bracket 2-Gang, 1/2" raise	25
BMCS	Box Mounted Conduit/Cable Support	50
BMCS-CJ6	Box Mounted Conduit/Cable Support w/ CS-CJ6 installed	50

**UMA-LVBS Spec updated May 2023*



Video Available On Our Website!



SSB WITH PREASSEMBLED ADJUSTABLE MASON BOX 3-1/2" DEEP

PRODUCT FEATURES

- ▶ **SSB Bracket** adjust from 15" to 25", rigidity eliminates need for farside back support
- ▶ Ships preassembled with box depth set at 5/8", and adjustable up to 1-1/2"
- ▶ Guided-slots on each side allow the box depth to be easily adjusted by simply loosening the screws
- ▶ Built-In Adapter allows Masonry Box to be moved along SSB Bracket until set in final position with a Tek screw
- ▶ All Knockouts are Concentric 1/2" & 3/4"

Cat. No.	No. of Gangs	KO Ends	KO Bottom	KO Sides	Cu. Inches	Std. Pka.
SSB-MB3	3	(6) - CKO	(3) - CKO	(4) - CKO	69.3	10
SSB-MB4	4	(8) - CKO	(4) - CKO	(4) - CKO	92.1	10
SSB-MB5	5	(10) - CKO	(5) - CKO	(4) - CKO	116.1	10
SSB-MB6	6	(12) - CKO	(6) - CKO	(4) - CKO	139	10

PATENTED

READY TO INSTALL



SSB-MB3



6-way Adjustability



Ex.: Nurse Call Systems
An ideal solution in Nurse Call systems and Headwall assemblies for healthcare projects.

SSB-MB3 SIDE VIEW



Adjustment Screws & Guided Slots

Adjustable 5/8" to 1-1/2"

BOX MOUNTED CONDUIT/ CABLE SUPPORT

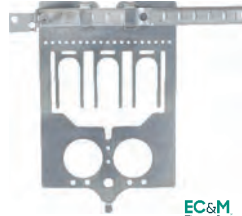
PRODUCT FEATURES

- ▶ Eliminates need for field installed first means of support
- ▶ Attaches directly to any size junction box for a cost-saving solution to first means of support needs
- ▶ Complies with NEC 330.30 (B)
- ▶ Eliminates the need for additional bar hangers in the field
- ▶ BMCS-CJ6 includes a CS-CJ6 for tool-less cable installation

Cat. No.	Description	Std. Pka.
BMCS	Box Mounted Conduit Cable Support	50
BMCS-CJ6	Box Mounted Conduit Cable Support with CS-CJ6 for tool-less installation	50
CS-CJ6	Stud Mounting Cable Support with locking tab	100



BMCS



BMCS-CJ6

EC&M Product of the Year 2020
2020 Category Winner



CS-CJ6



Neat, efficient packaging - prevents individual pieces from linking together

PATENT PENDING

ORBIT INDUSTRIES EXCLUSIVE



TRADITIONAL METHOD

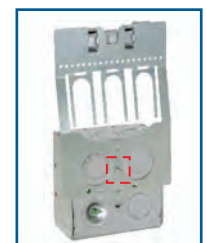


BMCS-CJ6

Installed on box to minimize field work & eliminates need for additional bar hanger



Installed with just one Wafer Head Screw



FIRST MEANS OF SUPPORT OPTIONS

CS-CJ6

Secures up to 4 MC/AC Cables without tools

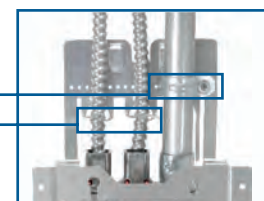


Secures to back of junction box with ONE Wafer Head screw!

Insert tab into lower screw hole on junction box

PIN HOLES

Pin holes allow for installation up to 2" straps

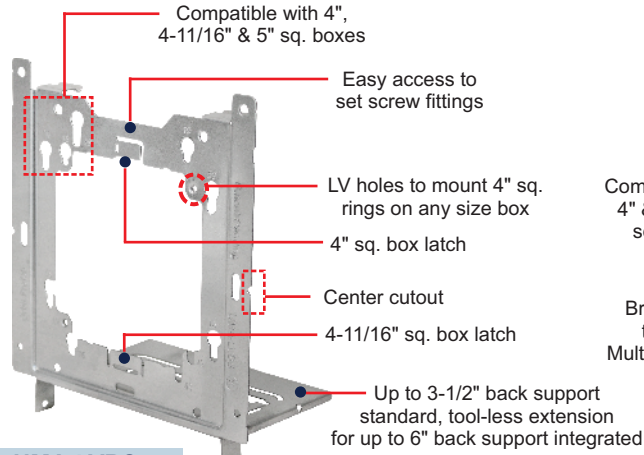


FORKS

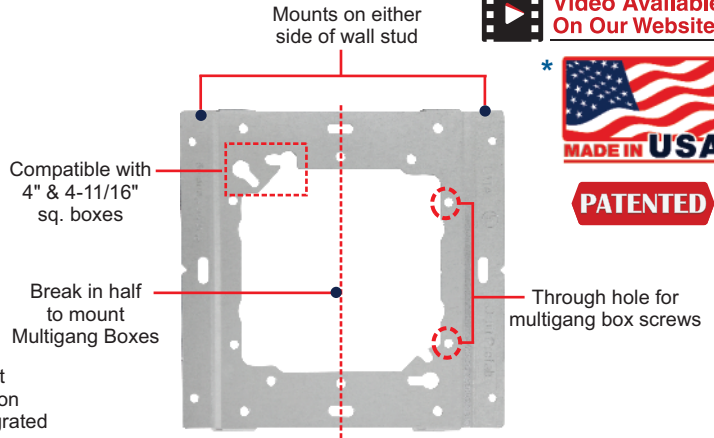
Support up to 3 MC/AC Cables without tools



BOX ADAPTER FEATURES



UMA-LVBS
*US-UMA-LVBS

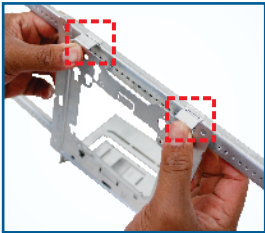


UMA

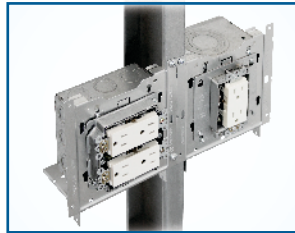
Video Available On Our Website!



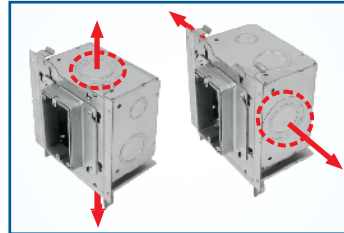
PATENTED



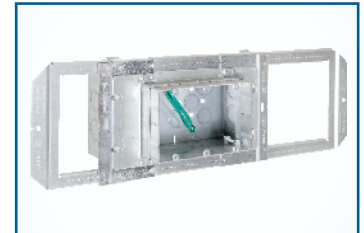
Adapters easily SNAP onto SSB Brackets



Pair 4" rings with any 4-11/16" or 5" sq. box with UMA-LVBS

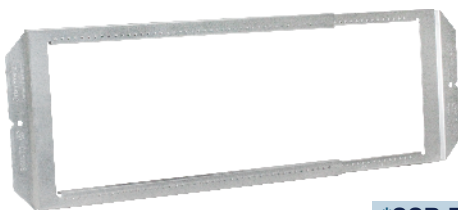


Turn any 4", 4-11/16" and 5" sq. box 90° with UMA-LVBS

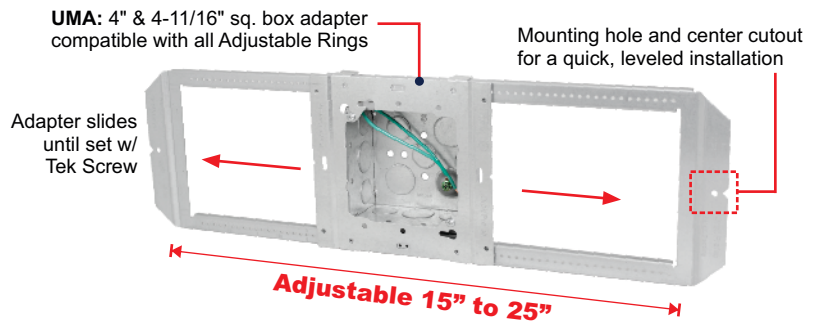


Break UMA in half to mount Multigang Boxes

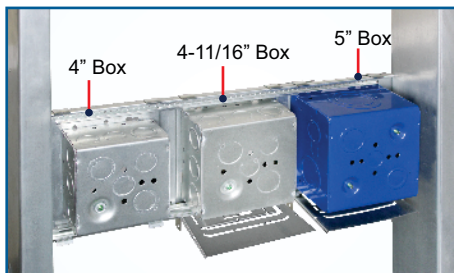
SSB-T5 FEATURES



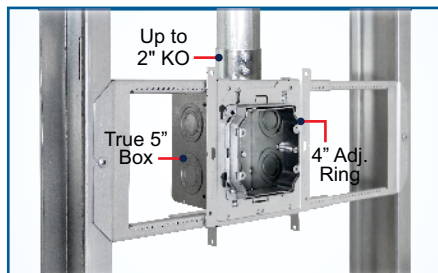
*SSB-T5



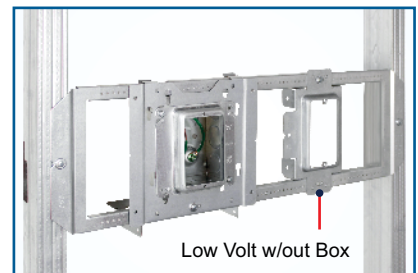
Order preassembled with box and 10" pigtail as SSB-4S-MKO, SSB-A4, SSB-5S-MKO or SSB-T5B-200 (pg. P7)



ANY SIZE J-BOX
SSB-T5 fits up to three 4", 4-11/16" or 5" boxes between 24" studs

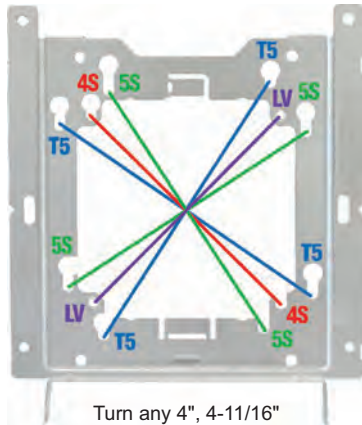


SSB-T5 INSTALLED
Use 5SLB-2MKO (pg. P28) or T5B's (pg. P27) for 1-1/4" or larger conduit



POWER + DATA
Use LVSB1 or 2 for Low Voltage applications that do not require a junction box

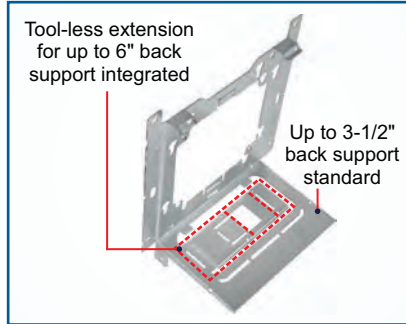
UMA-LVBS FEATURES



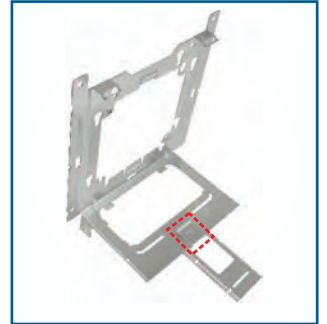
Turn any 4", 4-11/16" and 5" Sq. Box 90°

- ▶ LV= 4" ring
- ▶ 4S= 4" sq.
- ▶ 5S= 4-11/16" sq.
- ▶ T5= 5" sq.

BUILT-IN BACK SUPPORT & EXTENSION



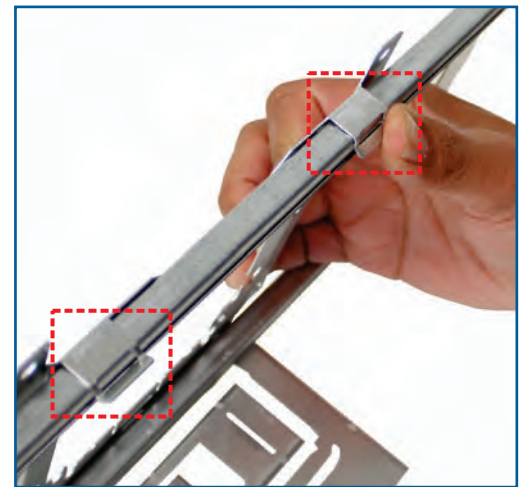
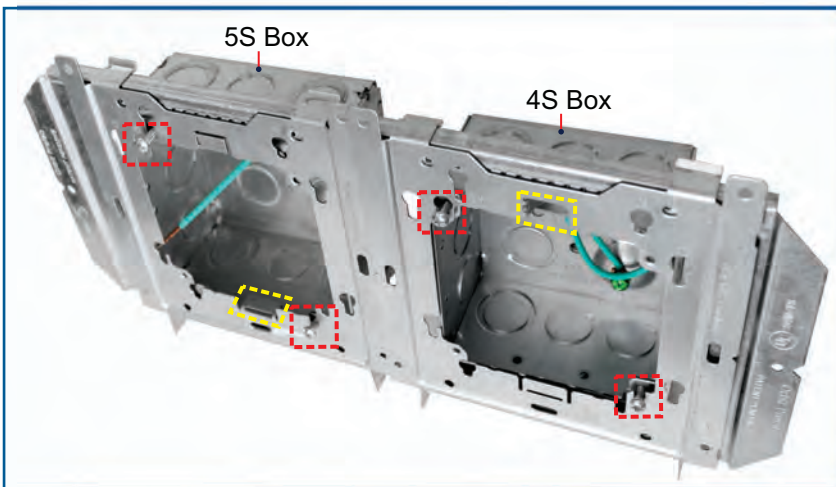
Up to 3-1/2" back support standard



SNAP-OFF

TOOL-LESS INSTALLATION

BOX & ADAPTER LATCHES



BOX TO ADAPTER LATCH

Bendable latch tabs securely hold 4" or 4-11/16" sq. box in place without need to tighten box screws. Skip hassle of tightening box screws until the final ring installation, making installation process more efficient and convenient.

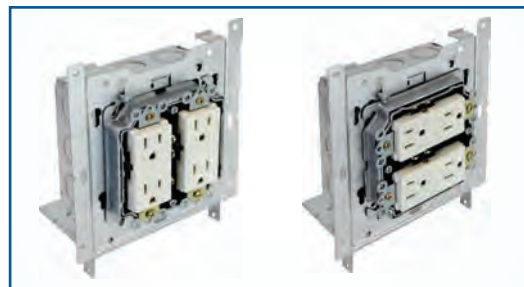
ADAPTER TO BRACKET LATCH

Fold tab to secure adapter on SSB Brackets

90° ROTATION



Extended Mounting Tab enables secure mounting with 90° rotation. Box will be able to receive large conduit without removal of back support



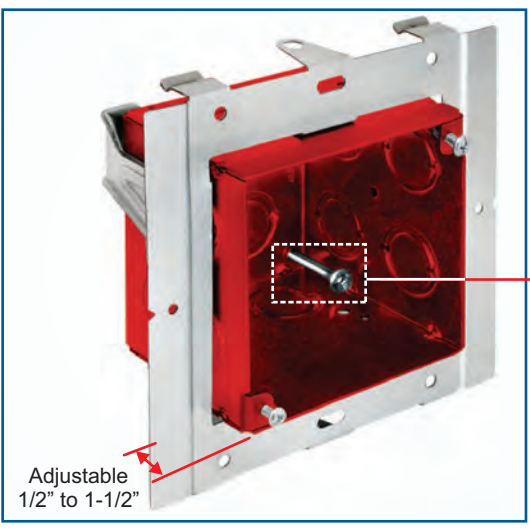
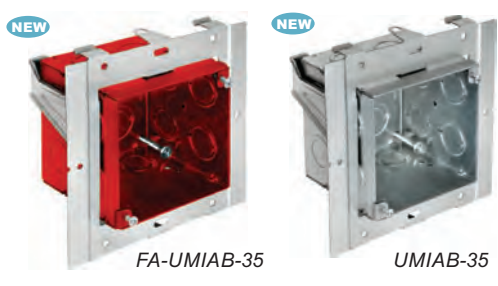
All *AR1G- & *AR2G- rings install vertical or horizontal

STUD MOUNT

VERTICAL & HORIZONTAL RING INSTALLATION



UMIAB-35 FEATURES

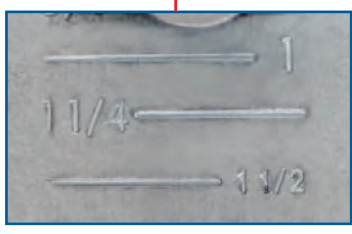


TRI-COMBO HEX SCREW



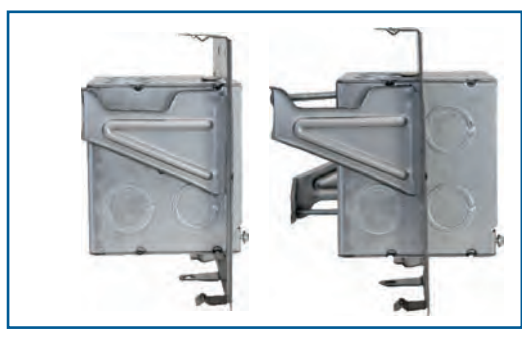
INTERNAL ADJUSTMENT

Internal adjustment screws allow the box to be adjusted before and after installation



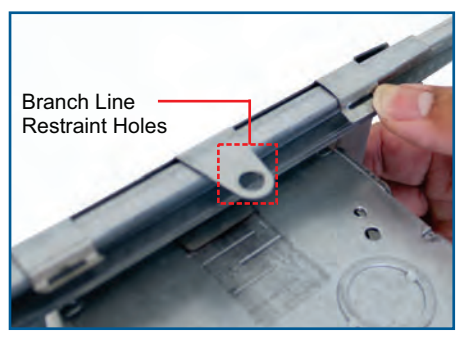
DEPTH MARKING

Engraved depth stamp on box allows for depth measurement without requiring additional measuring tools



ADJUSTABILITY RANGE

1/2" to 1-1/2"



ADAPTER TO BRACKET LATCH

Fold tabs to secure adapter on SSB Brackets

DIRECT-TO, BETWEEN STUDS & OVERHEAD APPLICATIONS

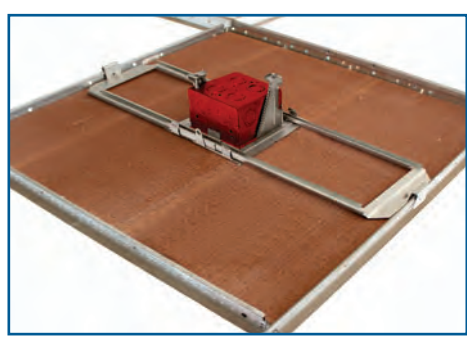


DIRECT TO STUD



BETWEEN STUDS

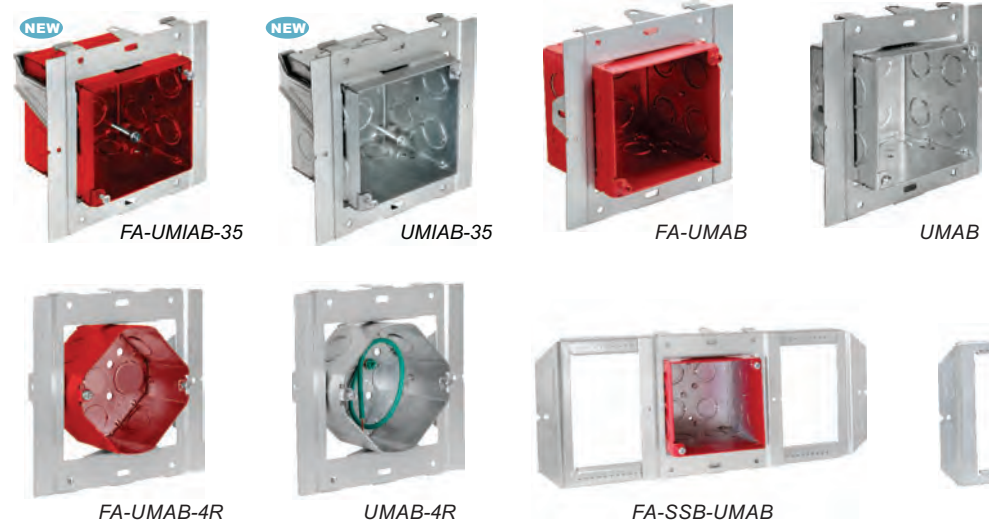
FA-UMIAB-35 Installed on SSB-T5



DROP CEILING APPLICATION

FA-UMIAB-35 Installed on SSB-TBAR

DIRECT-TO OR BETWEEN STUDS



PATENTED



Video Available On Our Website!



DIRECT-TO-STUD

Guided slots on each side allow the box to be easily adjusted by external screws



BETWEEN STUDS

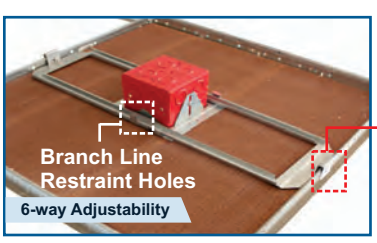
FA-SSB-UMAB Installed Between Studs



ON HARD LID

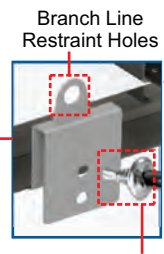
FA-SSB-4R Installed in Hard Lid Ceiling Joist

DROP CEILING APPLICATIONS

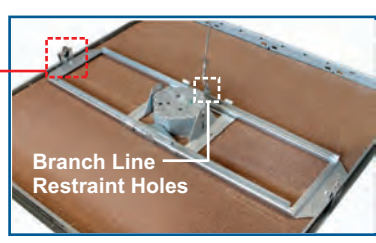


FIRE ALARM ON T-BAR

FA-TBAR-UMAB Installed in Drop Ceiling Grid



Tek screw provisions on each clip comply with NEC 314.23 (D) (1)



SSBT-4R & FA-TBAR-4R ON T-BAR

Shown Installed in Drop Ceiling w/ Branch Line Restraint

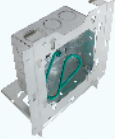




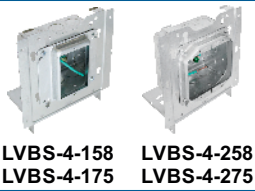













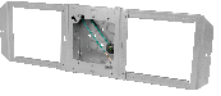

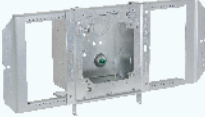



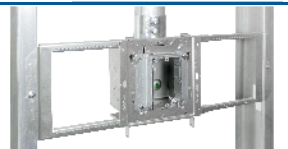


P7 | Ready-to-Install Boxes & Brackets



Prefab Products

IN-STOCK, PRE-ASSEMBLED ROUGH-IN PRODUCTS

	Cat No.	Components			Std. Pkg	Installation Images	
POWER	 LVBS-4			 41058 41075	25		
	 LVBS-4-158 LVBS-4-175 LVBS-4-258 LVBS-4-275						 42058 42075
	 LVBS-4-A158 LVBS-4-A258 LVBS-4-A134	UMA-LVBS	4SDB-MKO-PT-10	 4AR1G-58 4AR2G-58 4AR1G-34	25		
	 LVBS-A4-CS6	UMA-LVBS		-	25		
	 LVBS-A4-A158-CS6	BMCS-CJ6		 4AR1G-58	25		
	 SSB-4S-MKO			 4SDB-MKO-PT-10	12		
	 SSB-A4			 4SDB-AMC-PT	12		
	 SSB-5S-MKO			 5SDB-MKO-PT-10	12		
	 SSB-T5B-200			 T5B-200	10		

Email info@orbitprefab.com for more information.


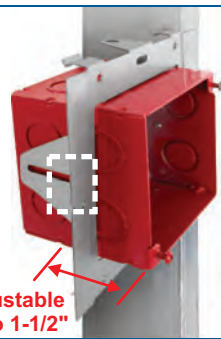











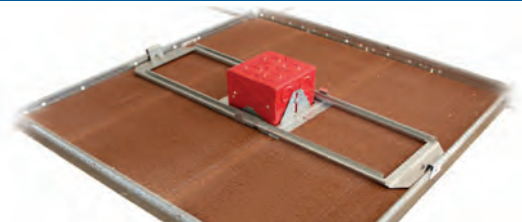


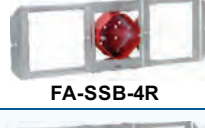



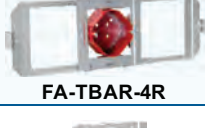










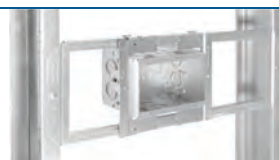
LVBS Assemblies w/ US-UMA-LVBS can be built to order.

Add **"-FS"** to include 2-hour rated Fireblok™ UFSI Insert (UFSI spec on pg. P31)

Add **"-CS"** to include BMCS

Add **"-CS6"** to include BMCS-CJ6
(BMCS spec on pg. P2)

IN-STOCK, PRE-ASSEMBLED ROUGH-IN PRODUCTS

	Cat No.	Std. Pkg	Installation Image	Cat No.	Std. Pkg	Installation Image
FIRE ALARM	 UMAB	10	 Adjustable 0" to 1-1/2"	 UMIAB-35	10	 Adjustable 1/2" to 1-1/2"
	 FA-UMAB	10		 FA-UMIAB-35	10	
	Cat No.	Components		Std. Pkg	Installation Images	
	 FA-SSB-UMAB	 SSB-T5	 FA-UMAB	10		
 FA-TBAR-UMAB	 SSB-TBAR	 FA-UMAB	10			
SMOKE DETECTOR	 FA-UMAB-4R	-	-	20	 Direct-to-Stud	
	 FA-SSB-4R	 SSB-T5	 FA-UMAB-4R	20	 FA-SSB-4R Shown Installed in hard lid ceiling UMAB-4R Shown Installed on SSB-T5	
	 FA-TBAR-4R	 SSB-TBAR	 FA-UMAB-4R	20		
LIGHTING	 UMAB-4R	-	-	20	 2024 NECA Show Stopper FA-TBAR-4R and SSB-T-4R Shown Installed in T-Bar ceiling	
	 SSBT-4R	 SSB-TBAR	 UMAB-4R	20		
MULTI-GANG	 SSB-MB3 (Shown)	 SSB-T5	 MB-3	10		

See Page P2 for more Multigang Box on SSB Models



P9 | Stud Wall Brackets

TELESCOPING "O" BRACKET

PRODUCT FEATURES

- ▶ Telescoping bracket adjusts from 16" to 27"
- ▶ Accepts 4", 4-11/16" square, and up to 10-Gang boxes and rings
- ▶ Install between wall studs or overhead between hard lid ceiling joists
- ▶ Easily adjust position of boxes in field
- ▶ Packaged preassembled and ready to use
- ▶ Markings on bracket allow for quick and consistent adjustability
- ▶ Rigidity eliminates need for far-side back support
- ▶ Not compatible with Adj. Rings or 5" Sq. Boxes. See SSB-T5 for telescoping "O" bracket that will accommodate all sq. boxes & rings

SHIPS PREASSEMBLED



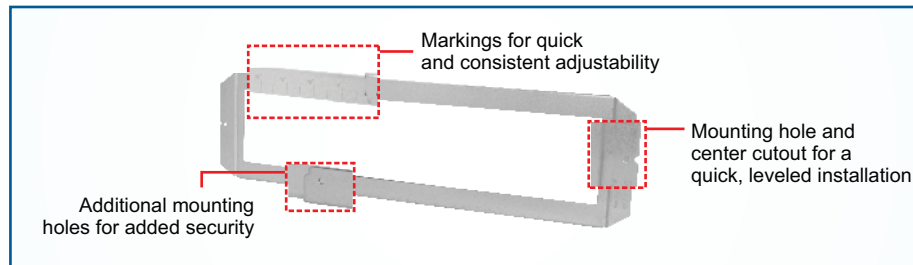
Video Available On Our Website!

Cat. No.	Description	Std. Pka.
TSB	Telescoping Support Bracket adjusts from 16" to 27" for mounting 4", 4-11/16" square and up to 10-gang boxes between studs.	25



Extra bend ensures a sturdy design

FEATURES



INSTALLATION



Fits 4", 4-11/16" square, and up to 10-Gang boxes

ADJUSTABLE BAR HANGER

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Ends bend and wrap around studs
- ▶ Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" deep
- ▶ For stud and hard lid ceiling joists

SHIPS PREASSEMBLED

Cat. No.	Description	Std. Pkg.
BHA-16	Adjustable Box Bracket 11" to 18" - Mount box with self-tapping screws	50
BHA-24	Adjustable Box Bracket 15-3/4" to 26" - Mount box with self-tapping screws	50



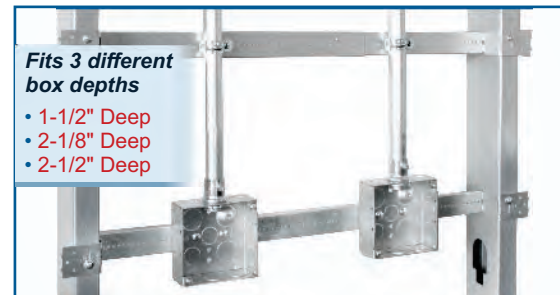
BHA-16

Adjust from 11" to 18"



BHA-24

Adjust from 15-3/4" to 26"



Fits 3 different box depths

- 1-1/2" Deep
- 2-1/8" Deep
- 2-1/2" Deep

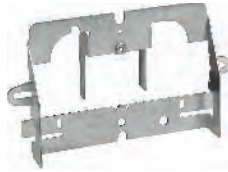
BOX AND CONDUIT SUPPORT BETWEEN STUDS USING BHA

DROP-ON-BAR SLIDER BRACKETS

PRODUCT FEATURES

- ▶ Quickly attach to any 4" or 4-11/16" square box
- ▶ Easily drops onto Orbit's BHA-16 and BHA-24
- ▶ A BARB and box assembly can easily be repositioned along the hanger
- ▶ Multiple BARB assemblies can be added before and after the BHA is installed
- ▶ Can be fully prefabricated and locked onto the BHA without setting final box position
- ▶ BARB-CS includes cable support pin holes

Cat. No.	Description	Std. Pks.
BARB	Drop-On-Bar Slider Bracket	50
BARB-CS	Drop-On-Bar Slider Bracket with conduit & cable support pin holes	50



BARB



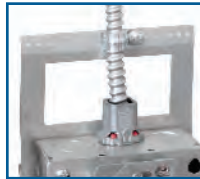
BARB-CS

PATENTED

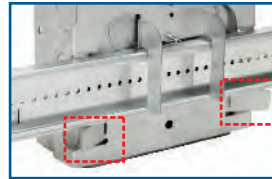
ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!



BARB-CS includes cable support pinholes



BENDABLE LOCKING TABS

A BARB and box assembly can be locked onto a BHA before arriving on the job site for quick adjustment in the field

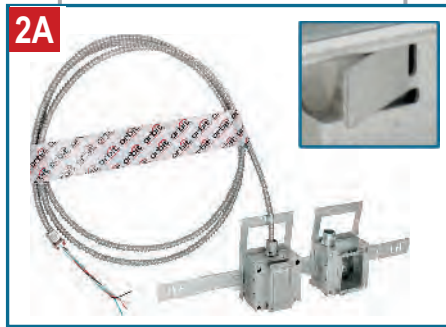
PREASSEMBLED

-OR-

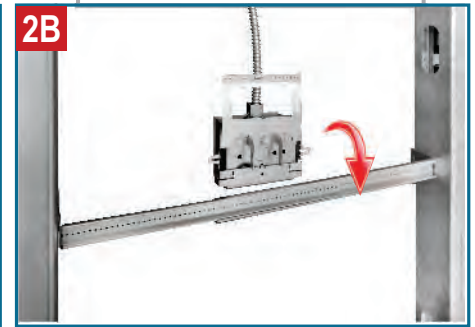
IN-FIELD



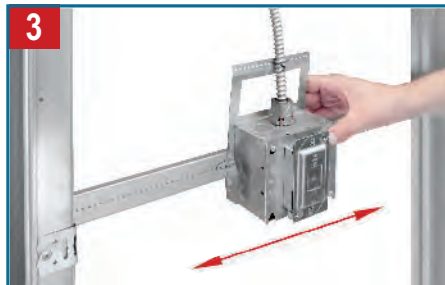
Attach to a 4" or 4-11/16" box with a single wafer head screw, forming a versatile box assembly



Box assemblies can be prefabricated onto a BHA before arriving to the job site, locking onto the hanger via its bendable tabs



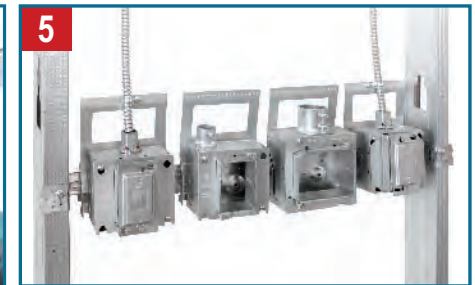
For in-field installations, simply drop the box assembly onto a BHA before or after the hanger has been installed



Once the BHA is installed on studs, the box assembly can be adjusted along the hanger



Secure the assembly to the BHA with Tek screws, setting the box in place



Multiple box assemblies can be easily added! Up to 3 between 16" & 4 between 24" studs

P11 | USB System

ULTIMATE SUPPORT BRACKETS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Can be floor or wall mounted on wooden or metal studs
- ▶ Ideal alternative to kick-in brackets, for floor mounted outlets above / below 18" box center
- ▶ Infinite height and width combinations
- ▶ Provides flexibility at job site
- ▶ Compatible with all Adjustable Rings
- ▶ Markings on bracket allow for quick and consistent adjustability

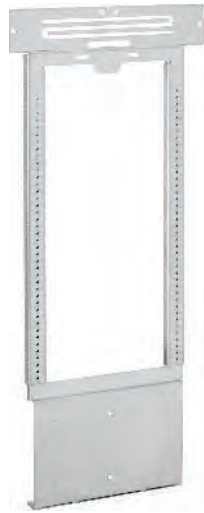
NOTE

- ▶ USB must be accompanied with either US4SB, UMA, UMA-LVBS, WBAR1G or WBAR2G mounting brackets to attach a steel box.
- ▶ UMAB's & UMIAB's can also snap onto USB.

Cat. No.	Description	Std. Pka.
USB	Ultimate Support Bracket, Adj. 8"-24" as a floor brkt or 14"-24" as a wall brkt between studs	12
US4SB	Mounting Bracket for 4" Square Box, snaps to USB	24
UMA	Universal Mounting Adapter for 4" and 4-11/16" Sq. Boxes & multigang boxes to mount to SSB-T5, SSB-TBAR, USB and directly to stud	25
USDBM	For use with USB to create a double box in floor mount assembly with built-in back support	50
USTBM	For use with USB to create a triple box in floor mount assembly with built-in back support	50
USTS	USB floor mount stud-to-stud top support	50
USB-4SDB-50/75-PT	Complete Pre-Assembled Floor Bracket with a 4" Square 2-1/8" Deep Box, Includes installed Far-Side Back Support and Ground Pigtail	12
USB-5SDB-50/75-PT	Complete Pre-Assembled Floor Bracket with a 4-11/16" Square 2-1/8" Deep Box, Includes installed Far-Side Back Support and Ground Pigtail	12
LVSB1	Low Voltage Stud Mounting Bracket 1-Gang	50
LVSB2	Low Voltage Stud Mounting Bracket 2-Gang	25

PATENTED

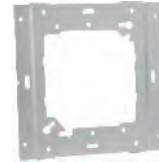
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USB



US4SB



UMA



LVSB1



LVSB2



USDBM



USTBM



USTS

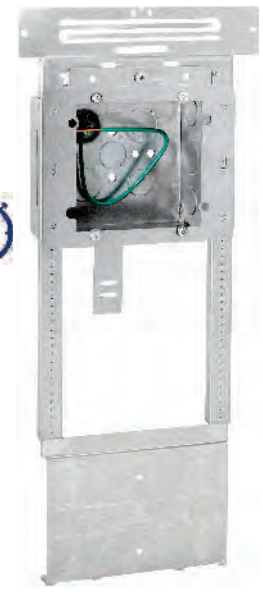
Adjustable 8" to 24"



USB-4SDB-50/75-PT



Complete Prefabricated Assembly



USB-5SDB-50/75-PT

INSTALLATION PATENTED REVOLUTIONARY SYSTEM

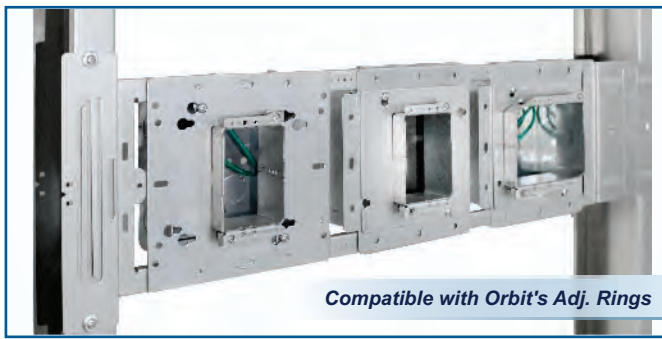
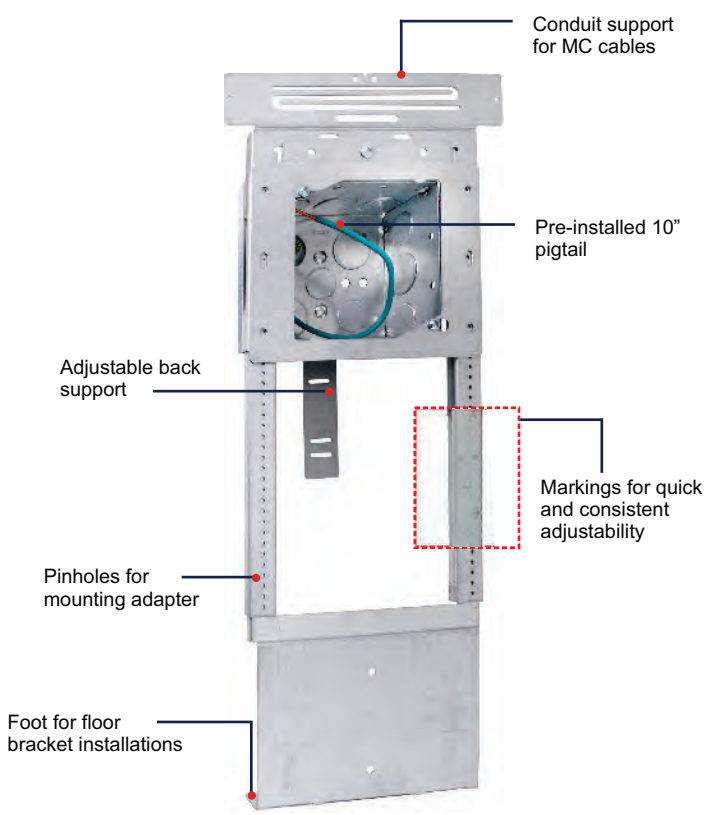


FLOOR BRACKET

Mount vertically at heights 8" to 24" and allows for the installation of the LVSB for low voltage applications

USB ASSEMBLY

USB accessories allow for vertical mounting between studs and 3 box applications using the USTBM



USB WITH ADJUSTABLE RINGS

Use WBAR Series or different adapters to mount boxes to USB
See pg. P24 for more information on WBAR Series

P13 | Flat Bracket Family



FLAT BRACKET FAMILY

PRODUCT FEATURES

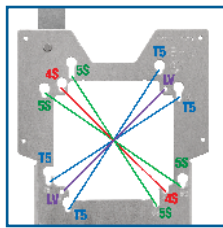
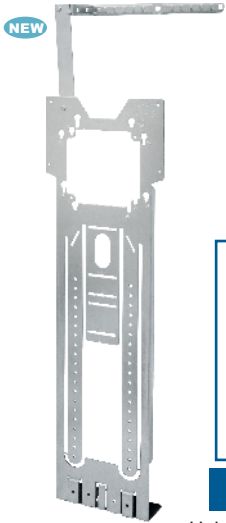
- ▶ Compatible with 4", 4-11/16" and 5" sq. boxes
- ▶ Allows 5" boxes to use 4" rings, reducing material costs
- ▶ 4" rings can be mounted on their own for low voltage applications using 8/32 screws
- ▶ Low profile design accepts up to 2" fittings
- ▶ Additional width and slotted mounting holes allow for extra flexibility on studs
- ▶ **KB-18, KFB-318, KFB-418** contain up to 6" Back Support for additional stability
- ▶ **KB-18** contains optional Stud Supports that can be folded out when installed between studs
- ▶ Compatible with Orbit's UL Adjustable Rings

Cat. No.	Description	Std. Pka.
FB-3	Flat Box Mounting Bracket 3-Box for 16" stud	25
FB-4	Flat Box Mounting Bracket 4-Box for 24" stud	25
*KB-18 <small>NEW</small>	Kick Bracket 1-Box Position 18" box center height w/CS-CJ6	10
KFB-318	Flat Bracket 3-Positions with 18" box center height kick stand for 16" stud w/CS-CJ6	10
KFB-418	Flat Bracket 4-Positions with 18" box center height kick stand for 24" stud	10

**KB-18 Spec Updated January 2024*

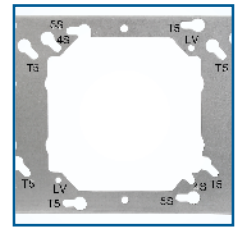
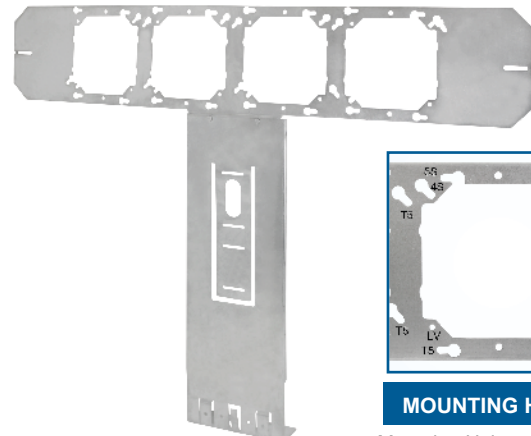
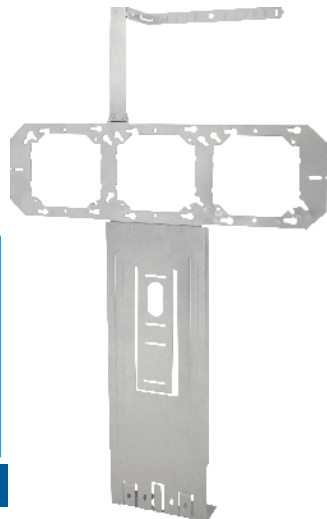


Compatible with 5" Sq. Boxes!



MOUNTING HOLES

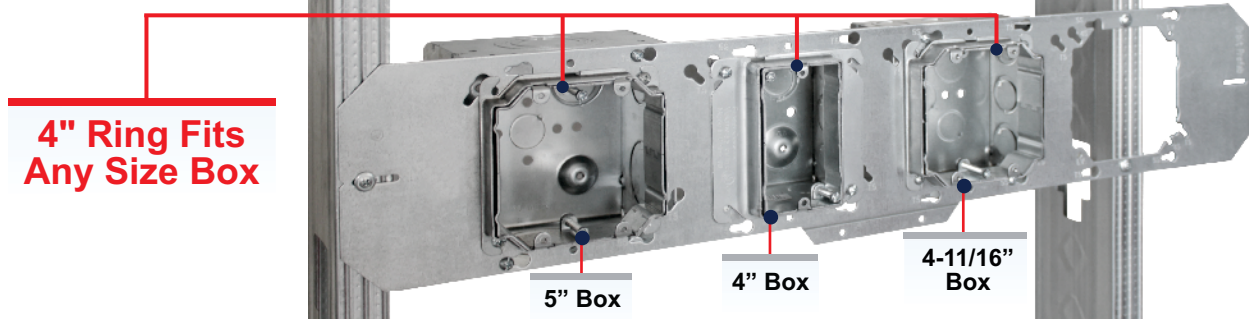
Unique KB-18 key-hole pattern holds any size box in place when ring is removed



MOUNTING HOLES

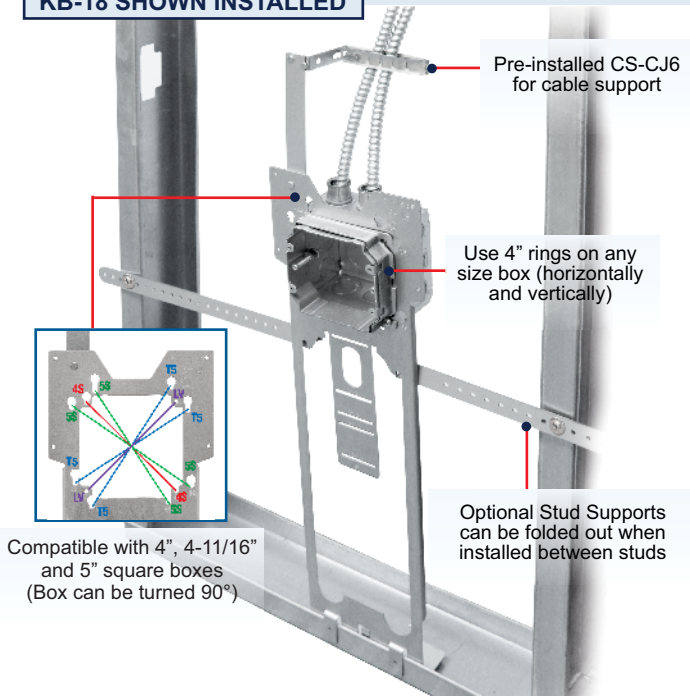
Mounting Holes are marked to easily identify box and ring placement

FB-4 SHOWN INSTALLED

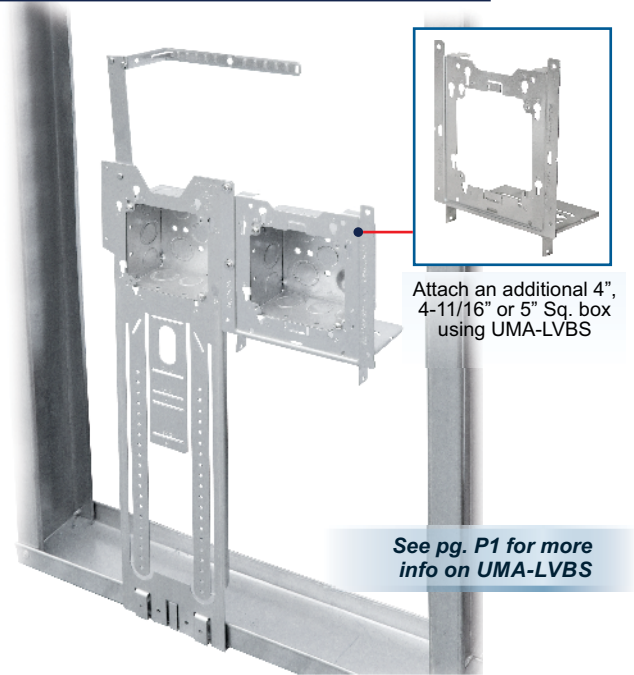


The Flat Bracket can be positioned to accommodate irregular stud spacings. FB-4 shown installed on 19" Stud Bay.

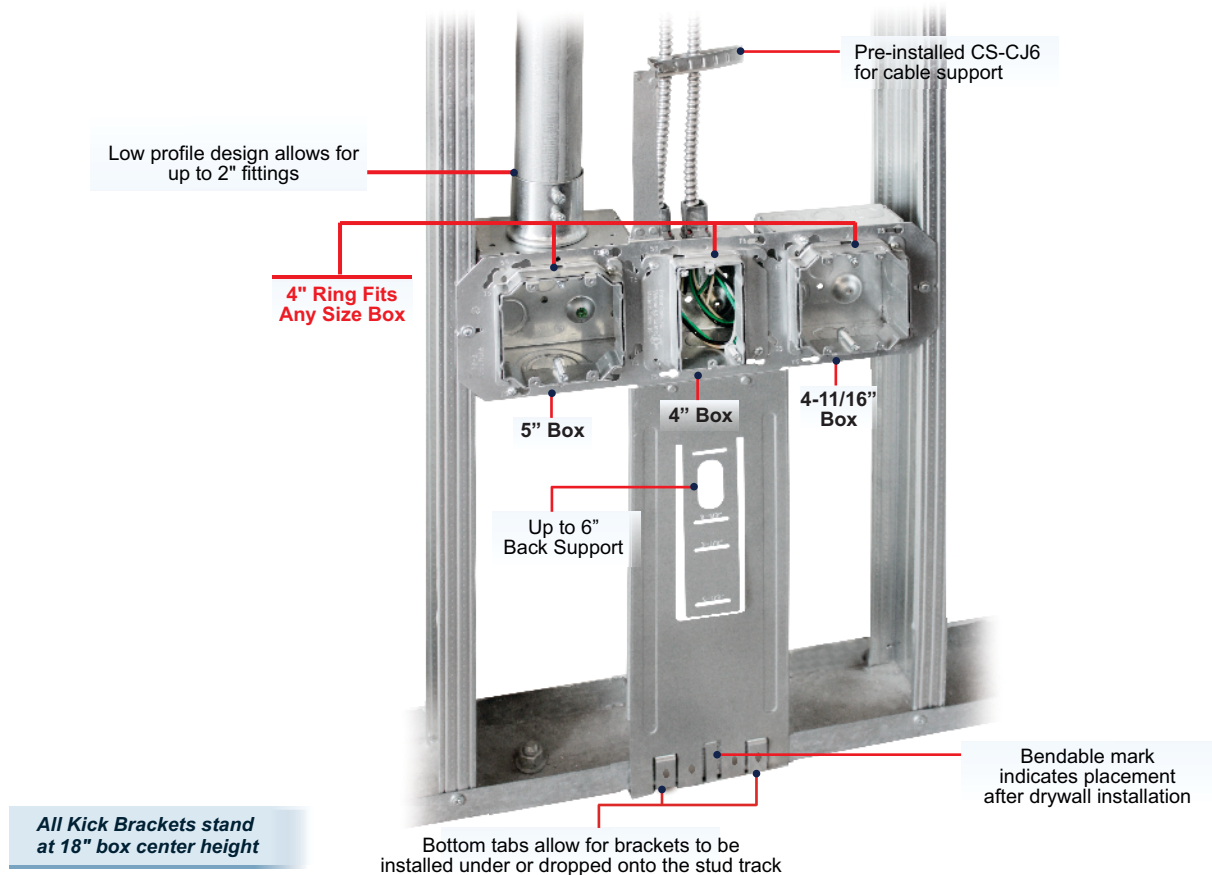
KB-18 SHOWN INSTALLED



UMA-LVBS SHOWN INSTALLED ON KB-18



KFB-318 SHOWN INSTALLED



All Kick Brackets stand at 18" box center height



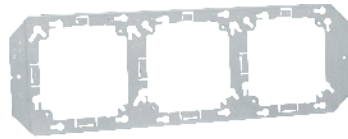
FIXED MOUNTING BRACKET

PRODUCT FEATURES

- Compatible with 4", 4-11/16" and 5" sq. boxes
- Unique key-hole patterns allow boxes to be turned 90°
- Compatible w/ Standard & Adj. Rings mounted vertically or horizontally
- Use 4" rings on any size box. Can be mounted on their own for low voltage applications using 8/32 screws
- Bendable box latch tabs temporarily hold 4" or 4-11/16" sq. boxes in place without needing to tighten box screws until final ring or cover installation
- Low profile design limits drywall bulging

Cat. No.	Description	Std. Pka.
FMB-16	Fixed Position Box Mounting Bracket for 3 Boxes on 16" Studs	25
FMB-24	Fixed Position Box Mounting Bracket for 4 Boxes on 24" Studs	25

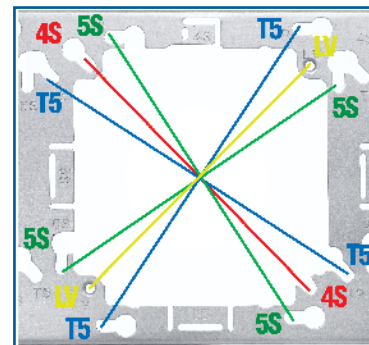
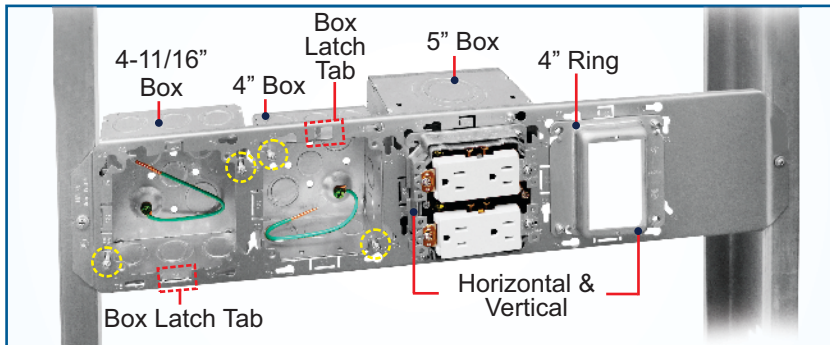
Compatible with 5" Sq. Boxes!



FMB-16



FMB-24



FMB INSTALLED ON STUDS

Mount up to 3 boxes between 16" studs with FMB-16 and 4 boxes between 24" with FMB-24

MOUNTING HOLES

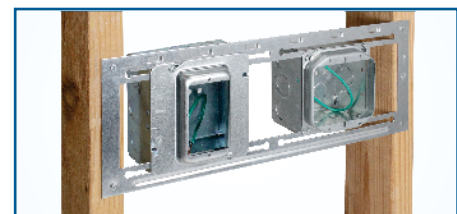
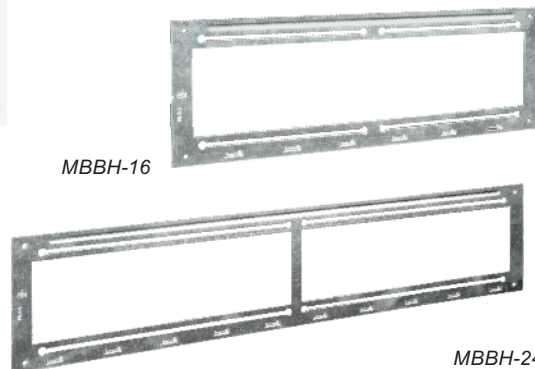
Compatible with 4", 4-11/16" and 5" square boxes (Box can be turned 90°)

FIXED "O" BRACKET FLAT

PRODUCT FEATURES

- Pre-Galvanized 18 Gauge sheet metal
- Accommodates 4", 4-11/16" square, and multi-gang boxes
- Allows steel boxes to adjust horizontally along the bracket with ease
- Reduces assembly time on job site

Cat. No.	Application	Dimensions (W x L)	Std. Pka.
MBBH-16	For 16" stud spacing	6" x 16"	50
MBBH-24	For 24" stud spacing	6" x 24"	50



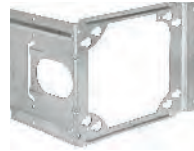
Shown installed with both 4" and 4-11/16" square boxes

BOX MOUNTING ADAPTER

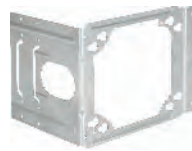
PRODUCT FEATURES

- ▶ Mount 4" and 4-11/16" square boxes
- ▶ Adjustable Back Support helps maintain rigidity when installed
- ▶ Low profile design limits drywall bulging
- ▶ For use with metal or wood studs
- ▶ 4" Ring can be mounted without box for low voltage applications with #8-32 screws

Cat. No.	Description	Std. Pkg.
BMA-23	Box Mounting Adapter with up to 3-1/2" Far Side Support	25
BMA-4	Box Mounting Adapter with up to 4" Far Side Support	25
FS-456-EXT	Far-side Support Extender for up to 6" Studs, Compatible with BMA-23 & BMA-4, tool-less	50



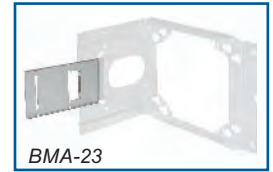
BMA-23



BMA-4



FS-456-EXT



BMA-23

Fold FS-456-EXT onto BMA's for up to 6" far-side support

HEIGHT ADJ. BOX INSTALL TOOL

PRODUCT FEATURES

- ▶ Adjustable and magnetic platform
- ▶ Platform can be preset at a specific height for a consistent box and bracket installation
- ▶ Compatible with all Orbit Stud Brackets

Cat. No.	Description	Std. Pkg.	Mst. Ctn.
HABIL	Height Adjustable Box Installation Template	1	4



Front View



Back View

Compatible with all Orbit Stud Brackets

PATENTED

ORBIT INDUSTRIES EXCLUSIVE

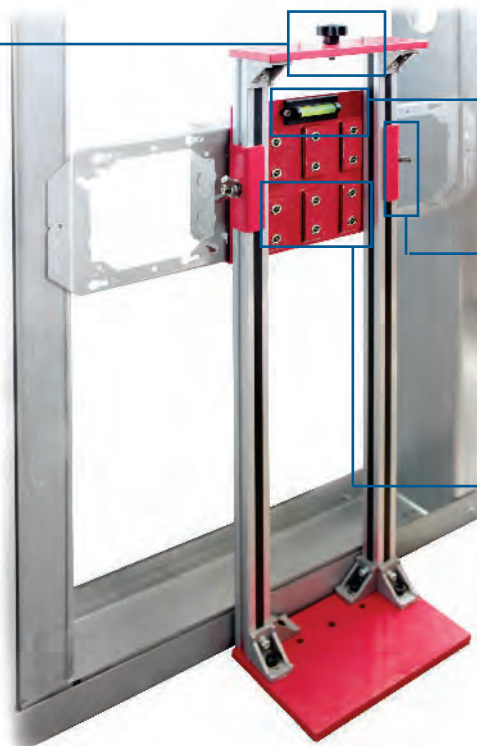
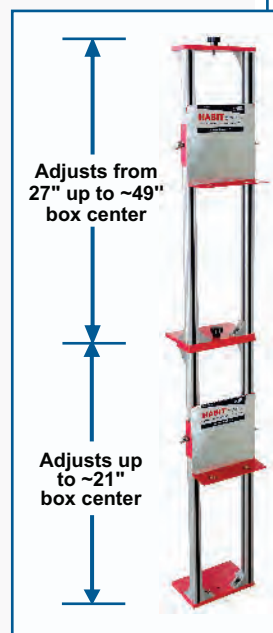


Video Available On Our Website!

IMPROVED MAGNET DESIGN!

HABIL FEATURES

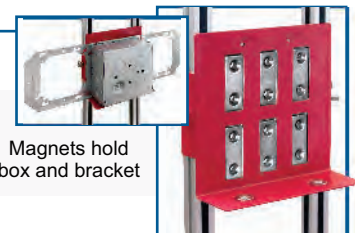
Tool-free stackability for switch and receptacles!



Bubble Level



Adjustable via hand nuts



Magnets hold box and bracket

P17 | Pedestal Post & Extension

PEDESTAL POSTS

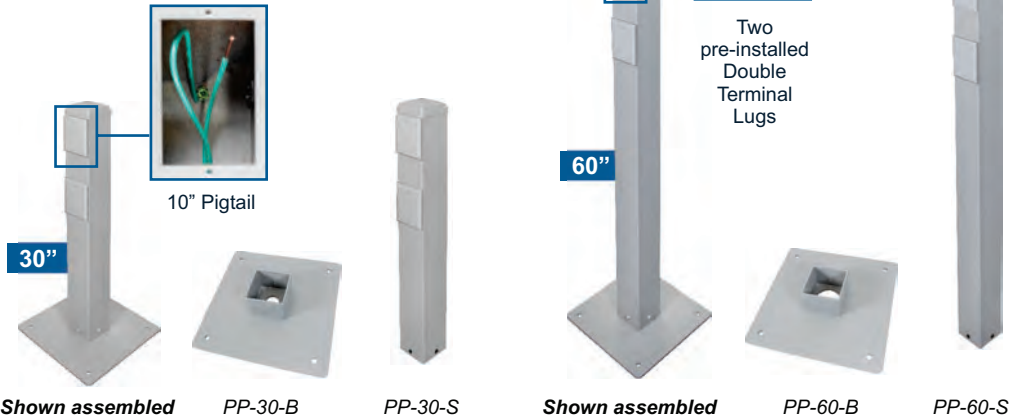
PRODUCT FEATURES

- ▶ NEMA 3R Listed raceway, UL Listed for Wet Locations
- ▶ Stand Material: 13 GA Steel
- ▶ Base Material: 3 GA Steel
- ▶ Stand-alone unit requires only one roof penetration and no additional bracing
- ▶ Route conduit paths below the roof line
- ▶ Includes pack of 1/4"-20 -Bolts for Stand assembly
- ▶ Base features four hole provisions for 3/8" anchor bolts or stud anchors (not included)
- ▶ Base Opening: 3/4" (PP-30-B) and 1-1/2" (PP-60-B)
- ▶ Two (PP-30-S) or three (PP-60-S) device openings with gasketed Blank Covers
- ▶ PP-30-S includes 10-32 Ground Screw with 10" Solid Cu. #12AWG Pigtail (top opening)
- ▶ PP-60-S Includes two (2) #1/0-14AWG Double Terminal Lugs (center opening)
- ▶ Base and Stand sold separately
- ▶ PPEC-12 adds 12" of height to Stands. Infinitely stackable

NOTES

- ▶ Posts only sold with gasketed blank covers
- ▶ **ROOF SEALANT DISCLAIMER:** End users are advised to work with roofing contractor to ensure Pedestal Posts installed are properly sealed in accordance with all applicable code enforcement agencies; authorities having jurisdiction (AHJ); city, county and state building codes; project specifications; et. al.

Height	Cat. No.	Description	Trade Size	Dimensions (W x D)	Std. Pkg.
30"	PP-30-B	Pedestal Post 30" Base	3/4"	10" x 10"	4
	PP-30-S	Pedestal Post 30" Stand	-	3" x 3"	4
60"	PP-60-B	Pedestal Post 60" Base	1-1/2"	10" x 10"	2
	PP-60-S	Pedestal Post 60" Stand	-	3" x 3"	2
12" EXT	PPEC-12	12" Extension Coupling (Hardware Included)	-	12" x 3" x 3"	4

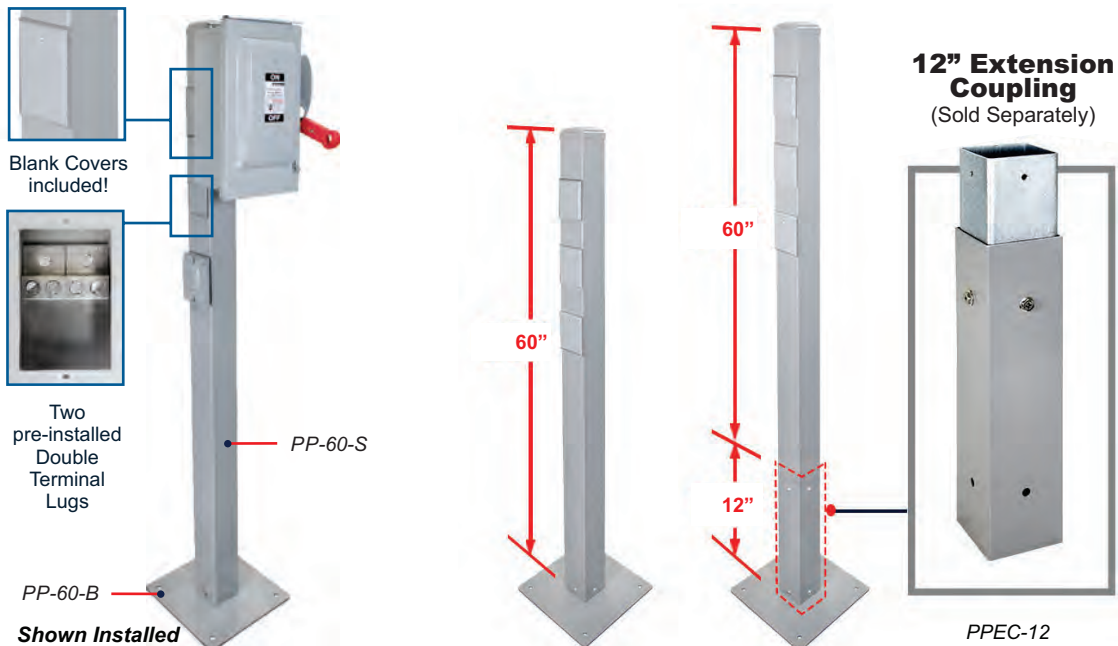


SERVE POWER TO
99%

OF ALL COMMON
ROOFTOP EQUIPMENT

PATENTED

**ORBIT INDUSTRIES
EXCLUSIVE**



ROOF COUPLING PLATES

PRODUCT FEATURES

- ▶ Allows for easy transition of different conduit types
- ▶ Suitable in any type of new or old work roof construction
- ▶ Allows conduit to run below the roof line, reducing time spent de-rating conductors
- ▶ Different conduit stubs can be prefabricated to plate
- ▶ Maintains roof integrity by reducing support penetrations
- ▶ Can be used for through-floor conduit penetrations

PATENT PENDING

ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

Cat. No.	Trade Size	Std. Pkg.	Base Plate Size	Base Plate Thickness
RCP-50	1/2"	20	6" x 6"	16 GA
RCP-75	3/4"	20		
RCP-100	1"	20		
RCP-125	1-1/4"	10		
RCP-150	1-1/2"	10	8" x 8"	15 GA
RCP-200	2"	10		



RCP INSTALLATION



EASY TRANSITION

The RCP Series allows for an easy transition of different conduit types to suit your application



Perfect for control, fire alarm, service receptacles and power to electrical equipment installation on roofs

P19 | Recessed Light Adapter Plates

RECESSED LIGHT ADAPTER PLATES

PRODUCT FEATURES

- ▶ A faster and more convenient method to install recessed light fixtures than traditional bar hangers or fixture brackets
- ▶ Available for Hard Lid (**RAP** & **RAP-SQ**) and T-Bar (**RAP-T** & **RAP-SQ-T**) applications
- ▶ **RAP** & **RAP-T** accommodate most 2" to 8" round and up to 5-1/4" square recessed downlights
- ▶ **RAP-SQ** & **RAP-SQ-T** accommodate most 2" to 10" square recessed downlights or ceiling speakers
- ▶ Can be easily preassembled for a quicker job site install
- ▶ Center marking allows for an easy positioning and installing of fixtures onto the plate with tek screws

Cat. No.	Description	Std. Pkg.
RAP	Recessed Light Fixture Adapter Plate, Hard Lid, Round Opening up to 8"	10
RAP-T	Recessed Light Fixture Adapter Plate, T-Bar, Round Opening up to 8"	10
RAP-SQ <small>NEW</small>	Recessed Light Fixture Adapter Plate, Hard Lid, Square Opening up to 10"	10
RAP-SQ-T <small>NEW</small>	Recessed Light Fixture Adapter Plate, T-Bar, Square Opening up to 10"	10



RAP



RAP-T



RAP-SQ



RAP-SQ-T

PATENTED

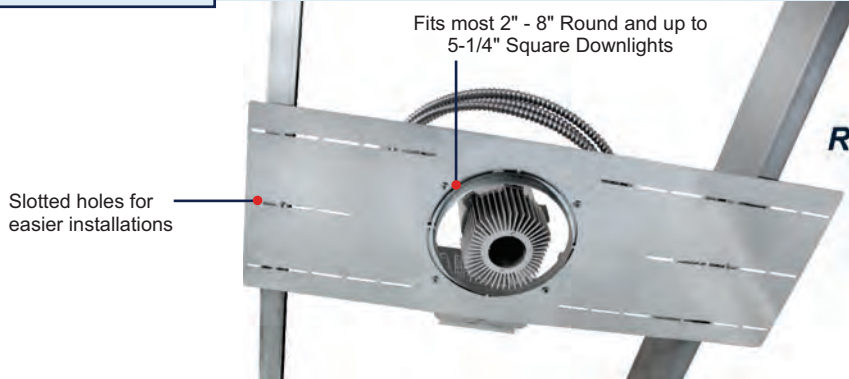
ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

Installs up to 4x FASTER than traditional methods!

RAP INSTALLATION



Fits most 2" - 8" Round and up to 5-1/4" Square Downlights

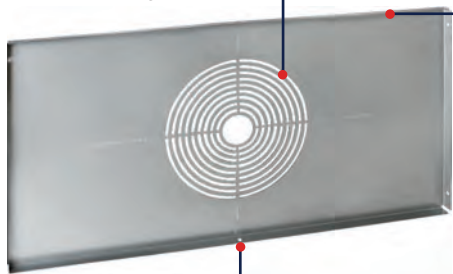
Slotted holes for easier installations

RAP & RAP-SQ offset to account for irregular stud spacing

Fits up to 26" stud spacing

RAP-T INSTALLATION

Fits most 2" - 8" Round and up to 5-1/4" Square Downlights



Holes for branch line restraints on each side

Flanges provide extra rigidity and pre-drilled holes for mounting

RAP-T & RAP-SQ-T fit most 2' wide T-Bar grids



RAP-T installed in T-Grid Ceiling

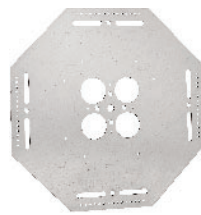
Flip RAP-T for Oversized Downlights

BOX AND CONDUIT HANGER SUPPORT PLATES

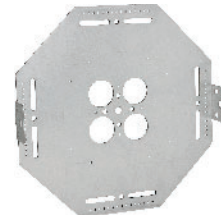
PRODUCT FEATURES

- ▶ Support suspended boxes and multiple conduit installations with one piece of all-thread as opposed to multiple pieces of rod
- ▶ Pin holes and slots allow for use of conduit straps
- ▶ Stamped markings provide guidelines for box placement. Boxes can be placed in any location on plate.
- ▶ Pre-Galvanized 15 Gauge Steel Self-reinforcing as more conduit is added
- ▶ Easy to preassemble to save time and material
- ▶ **BCHS-6S** & **BCHS-8S** contains offset for use of one-hole straps in place of traditional pipe hangers
- ▶ **BCHS-12** pairs well with Orbit Exclusive 12124-50 & 12124-850

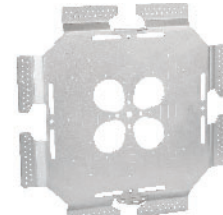
Cat. No.	Description	Std. Pkg.
BCHS-10	Fits up to 6" x 6" Box or multiple smaller boxes for horizontal mounting	25
BCHS-6	Fits up to 6" x 6" Box or multiple smaller boxes for horizontal mounting and provides bent tabs for vertical mounting	10
BCHS-6S	Fits up to 8" x 8" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCHS-8S <small>NEW</small>	Fits up to 8" x 8" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCHS-12	Fits up to 12" x 12" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting	5



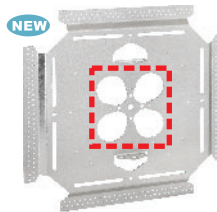
BCHS-10



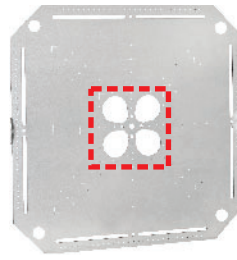
BCHS-6



BCHS-6S



BCHS-8S



BCHS-12

Updated Design with Larger Openings to pair with boxes with larger back K.O.'s such as 5" sq. boxes or 12124-50 & 12124-850!

PATENTED

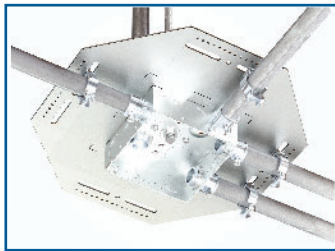
ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

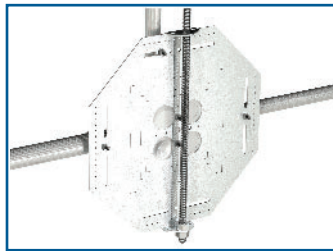
Use One Rod to Mount Multiple Boxes and Conduits

INSTALLATION



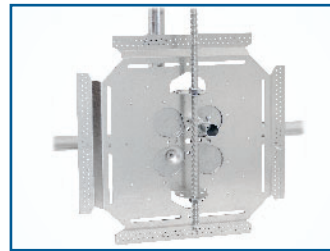
BCHS-10

Horizontally mount boxes up to 6" x 6"



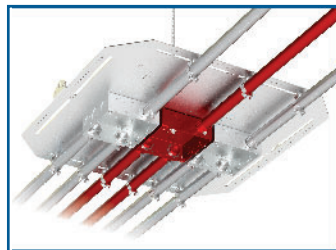
BCHS-6

Horizontally or vertically mount boxes up to 6" x 6"



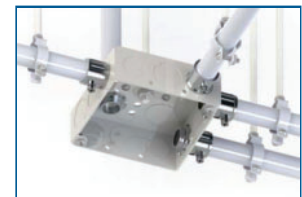
BCHS-8S

Horizontally or vertically mount boxes up to 8" x 8" and allows for the use of one-hole straps



BCHS-12

Fits multiple boxes for multi-system installations or up to 12" x 12" NEMA Enclosures



TRADITIONAL METHOD

Use one threaded rod with Orbit's BCHS Series, instead of measuring and cutting five pieces of threaded rod for traditional application.





BOX/MULTI-CONDUIT TO WIRE/ROD HANGER 13-2 TO 12-3 MC/AC

PRODUCT FEATURES

- ▶ Pre-Galvanized Steel Hanger and Bracket
- ▶ Spring Steel Wire/Rod Clip
- ▶ Spring Steel Clamps supports up to six (6) conduit/cable runs from both sides of the box
- ▶ Provides support for both sides of horizontal electrical box or conduit
- ▶ Greatly reduces drop wire material costs versus traditional methods
- ▶ Accepts 4" square, 4-11/16" and 5" boxes
- ▶ Eliminates need for offset conduit bending

Cat. No.	FMC Size	MC/AC Size	Rod Size	Wire Load	Std. Pkg.
F6M3B18CO NEW	3/8"	14/2 to 12/3	1/4"	#12 - #8	25



F6M3B18CO **NEW**



F6M3B18CO INSTALLED

Supports up to 6 conduit/cable runs.
Compatible with 4", 4-11/16" and 5" boxes. Entire assembly supported by one threaded rod or drop wire.

LOAD CENTER BRACKET FOR 16" STUD BAYS

PRODUCT FEATURES

- ▶ Attaches to Load Center panels for efficient installation in 16" stud bays
- ▶ Provides positive attachment to stud face
- ▶ Two-piece design ensures easy handling and installation
- ▶ Vertical Slots support MC/AC or Flex cable
- ▶ Use in conjunction with MSC (pg. F10) fastener to secure 14-2 thru 12-3 MC/AC cable without tools
- ▶ Ideal for prefabrication of Load Centers
- ▶ Use two Pop Rivets (not included) to attach LCB-16 to Load Center at each corner

Cat. No.	Description	Std. Pkg.
LCB-16 NEW	Load Center Bracket w/ Vertical Slots for 16" Studs	10

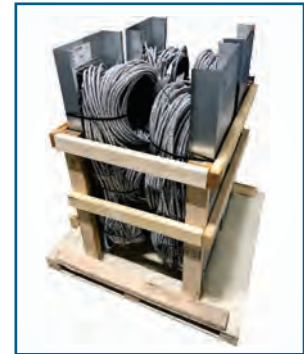


LCB-16



VERTICAL CABLE SLOTS

Support MC/AC and Flex cable tool-free with MSC fastener (sold separately, see pg. F10)



IDEAL FOR PREFAB

Bracket designed to travel with Load Centers and cable whips for quick installation on job sites

NOTE

- ▶ DO NOT drive Tek screws into load center

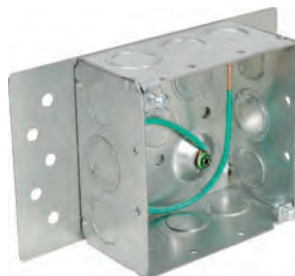


4" SQUARE DEEP BOX WELED 2-1/8" DEEP 30.3 Cu. In. WITH BACK PLATE & RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Can be mounted without having to access the inside of the box
- ▶ Flat back plate allows pre-wiring of box with device/cover before shipping to the field
- ▶ For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-BP	4SDB-MKO-PT-10 with Back Plate, 10" Pigtail	1/2" & 3/4" MKOs	-	24



4SDB-BP



Mount to ceilings, walls, corrugated surfaces, or underneath counters

EASY ACCESS LIGHTING BOX 2-1/8" DEEP 30.3 Cu. In.

PRODUCT FEATURES

- ▶ Fast and efficient installations
- ▶ Sliding cover plate for one person installations
- ▶ Swivel reduces damage to hanging fixtures when struck
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load

PATENTED

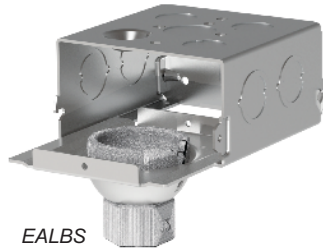
**ORBIT INDUSTRIES
EXCLUSIVE**



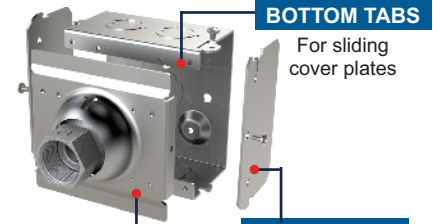
**Video Available
On Our Website!**

Cat. No.	Description	Dimensions (W x H)	Knockouts		Std. Pkg.
			Sides	Bottom	
EALBS	Easy Access Lighting Box with Sliding Swivel	4" X 4"	4 - CKO	3 - 1/2", 1 - 3/4"	10

Only box UL-Listed for up to 90lbs of fixture load!



Reducing bushing
for 1/2" conduit
included



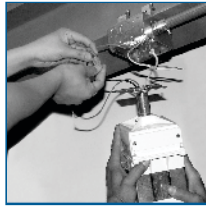
SWIVEL COVER PLATE

20° Swivel Angle –
Fits 3/4" conduit

**DETACHABLE
SIDES**

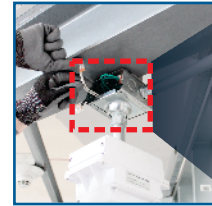
For easy wiring

**50%
LABOR
SAVINGS**



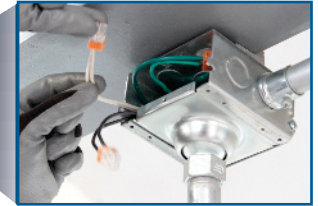
TRADITIONAL METHOD

Requires two installers



WITH ORBIT'S EALBS

Install Swivel Plate on lighting fixture and slide it into the box. One installer completes wiring while fixture hangs



CONDUIT LOCKING CONNECTOR

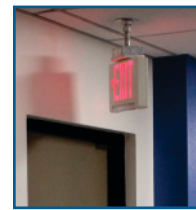
PRODUCT FEATURES

- ▶ Steel
- ▶ Fits 4", 4-11/16" sq. and 40 boxes as well as Orbit's patented EALBS
- ▶ Hooks prevent rotation of fixtures such as security cameras and emergency lighting
- ▶ Holes allow for branch line restraints
- ▶ Includes set-screw and locknut
- ▶ Can replace Rigid Threaded Conduit Fittings

**Video Available
On Our Website!**



PATENTED



Cat. No.	Description	Trade Size	Std. Pkg.	Mst. Ctn.
CLCSL-50	1/2" Conduit Locking Connector with Seismic Wire Holes	1/2"	10	100
CLCSL-75	3/4" Conduit Locking Connector with Seismic Wire Holes	3/4"	10	100

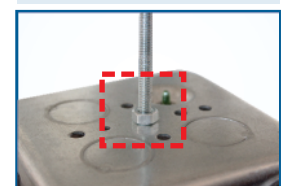
EZ-HANG BOXES WELDED OR DRAWN 2-1/8" DEEP WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Back-center K.O. replaced with through hole eliminating need for washer or punching back-center K.O. when mounting boxes in suspended application.
- ▶ **4SDB-MKO-S**: 0.395" diameter hole (for 3/8" rod)
- ▶ **D5SDB-CKO-S**: 0.27" diameter hole (for 1/4" rod)

Cat. No.	Description	Cu. In	Knockouts		Std. Pkg.
			Sides	Bottom	
4SDB-MKO-S <small>NEW</small>	4" Sq. Welded Special Box with MKO	30.3	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24
D5SDB-CKO-S	4-11/16" Sq. Drawn Special Box with CKO	42.0	2 - 1/2", 10 - CKO	3 - 3/4"	24

NEW



Secure to ceiling with just
a rod and locknut
4SDB-MKO-S 3/8" ROD
D5SDB-CKO-S 1/4" ROD



P23 | Adjustable Rings

UL-APPROVED ADJUSTABLE RINGS 4" SQUARE

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ Adjusts to achieve a flush finish every time
- ▶ Captive screw ensures fast and convenient adjustment
- ▶ Design provides strong electrical and mechanical connections to meet UL requirements

NOTE

- ▶ *For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Description	Adjustability Range	Std. Pkg.
4AR1G-58	1-Gang Adjustable Ring for 4" Sq. Boxes	5/8" to 1-1/4"	25
4AR1G-34	1-Gang Adjustable Ring for 4" Sq. Boxes	3/4" to 1-1/2"	25
4AR2G-58	2-Gang Adjustable Ring for 4" Sq. Boxes	5/8" to 1-1/2"	25
*4ARR-34	Round Adjustable Ring for 4" Sq. Boxes	3/4" to 1-1/2"	25



4AR1G-58
4AR1G-34



4AR2G-58



*4ARR-34

4-11/16" SQUARE

Cat. No.	Description	Adjustability Range	Std. Pkg.
5AR1G-58	1-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/4"	25
5AR1G-34 NEW	1-Gang Adjustable Ring for 4-11/16" Square Boxes	3/4" - 1-1/2"	25
5AR2G-58	2-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/2"	25



5AR1G-58
5AR1G-34 NEW



5AR2G-58

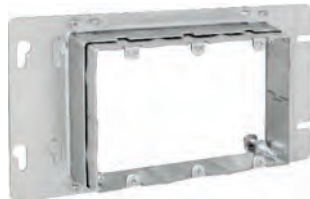


ACCESSIBLE ADJUSTABILITY

Screws are easily accessible for adjustment before and after the device has been installed

MULTI-GANG

Cat. No.	Description	Adjustability Range	Std. Pkg.
3GAR-34	3-Gang Adjustable Ring	3/4" to 1-1/2"	25



3GAR-34



3GAR-34 Shown Installed on SSB-T5 with SDB-3 & UMA cut in half



See pg. P2 for 3-6 Gang Adjustable Boxes

Ideal for Applications greater than 1-1/2" Depth!

ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite achieve a flush finish every time
- ▶ For use with 4" and 4-11/16" square deep boxes
- ▶ 1/4" to 1-1/4" adjustability range, deeper with addition of extensions
- ▶ Compatible with exclusive extensions for infinite wall depths (see below for extensions)

PATENTED

ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+1GX75	+2GX75	
4SAR1G	1-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
4SAR2G	2-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25
5SAR1G	1-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
5SAR2G	2-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25



4SAR1G



4SAR2G



5SAR1G



5SAR2G



Infinite Wall Depth - Multiple extensions can be installed on one ring

STUD MOUNTING ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Accepts 4" or 4-11/16" square boxes in line voltage applications
- ▶ Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Simple Support Bracket (pg. P1) or Ultimate Support Bracket (pg. P11)
- ▶ Can be used without a box for low voltage communications applications as well as attach boxes to the Simple Support Bracket (pg. P1) or Ultimate Support Bracket (pg. P11)

PATENTED

ORBIT INDUSTRIES EXCLUSIVE

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+1GX75	+2GX75	
WBAR1G	1-Gang Universal Box Bracket	1/4" to 1-1/4"	1" to 2"	-	25
WBAR2G	2-Gang Universal Box Bracket	1/4" to 1-1/4"	-	1" to 2"	25



WBAR1G



WBAR2G

EXTENSIONS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Extensions ensure flush finish regardless of wall thickness
- ▶ Attach to SAR & WBAR model adjustable rings for additional 3/4" of depth
- ▶ Mount easily to ring with two 8-32 screws
- ▶ Multiple extensions can be installed on one ring
- ▶ UPC-12MA features domed cover for protecting Toggle & Decora™ -style switches
- ▶ UPC-12MA fits 1 Gang, 2 Gang, Multigang, & Adj. Rings

ORBIT INDUSTRIES EXCLUSIVE

Cat. No.	Description	For Use With	Std. Pkg.
1GX75	1-Gang 3/4" Extension	4SAR1G, 5SAR1G, or WBAR1G Only	50
2GX75	2-Gang 3/4" Extension	4SAR2G, 5SAR2G, or WBAR2G Only	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering		25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch		25
UPC-12MA <small>NEW</small>	Gangable, Steel Universal Protective Cover, fits 1G, 2G, Multigang & Adj. Rings		50



1GX75



2GX75



UPC



UPCTS



UPC-12MA



Multiple UPC-12MA shown installed on SSB-MB3 - Domed cover ideal for protecting Toggle Switch and other devices

P25 | 40 Fixture Rings & Angled MC Cable Box

UNIVERSAL 4" & 4-11/16" SQ. TO 40 FIXTURE RINGS

DRAWN

PRODUCT FEATURES

- ▶ Mounts 4" or 4-11/16" square boxes
- ▶ 4" octagon opening (3-1/2" O.C.)
- ▶ Four dual-direction mounting tabs with #8-32 threads
- ▶ Increase box fill volume by 95% versus deep 40 boxes
- ▶ Ideal for light fixtures, sensors, LED drivers, and other 40 devices
- ▶ For fixture/luminaire support of 50 lbs. or less
- ▶ 16 GA Sheet Steel

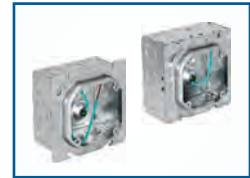
Cat. No.	Ring Depth	Cu. In.	Std. Pka.
54058X NEW	Raised 5/8"	7.5	50
54075X NEW	Raised 3/4"	8.8	50
54100X NEW	Raised 1"	11.8	50
54125X NEW	Raised 1-1/4"	14.5	50



540X Series mounted on 4-11/16" Sq. Box between T-bar ceilings with SSB-TBAR



540X Series installed on 4SDB-MKO-FB mounted to ceiling joist



Fits 4" & 4-11/16" Square Boxes

PATENTED

4" SQUARE DEEP BOX

WELDED

2-1/8" DEEP

30.3 Cu. In.

WITH ANGLED METAL CLAD (BX/MC) CABLE CLAMPS

PRODUCT FEATURES

- ▶ Angled MC Clamps make it possible to secure metal clad cable with device ring installed
- ▶ Includes 10" Cu. #12AWG pigtail pre-installed with 10-32 ground screw
- ▶ Suitable for use with MCI-A
- ▶ Acceptable for use in 2-hour fire rated walls
- ▶ See pg. P1 for SSB-T5 & UMA spec. See pg. P7-8 for more 4SDB-AMC-PT Ready-To-Install products.

NOTE

- ▶ *For Fixture/Luminaire Support of 50 lbs or less

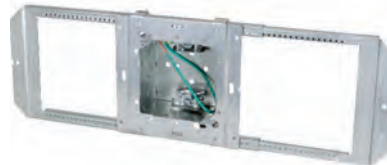
Cat. No.	Knockouts		Std. Pka.
	Sides	Bottom	
*4SDB-AMC-PT	(4) 1/2", (2) 1/2" -3/4" CKO, (4) Loom Priouts	(1) 1/2"	24
SSB-A4	Preassembled SSB-T5 w/ UMA & 4SDB-AMC-PT		12

PATENT PENDING

Video Available On Our Website!

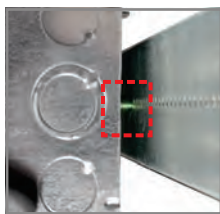


*4SDB-AMC-PT



SSB-A4

Angled MC Clamps make it possible to **secure metal clad cable with device ring installed**

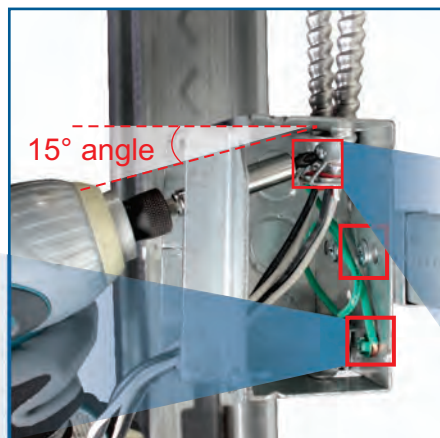


TRADITIONAL

Ground Screw Interference - does not mount directly to Box Brackets

4SDB-AMC-PT

Unique ground screw location allows fastening of box to any Adj. Box Bracket



Cut-away side view



4SDB-AMC-PT

MC Clamp screws set at a 15° angle, allowing MC cable to be secured with the mud ring still on!

BOXES WITH PIGTAILS WELDED 2-1/8" DEEP WITH RAISED GROUND EMBOSS

BOXES WITH PIGTAIL

Pre-Assembled with 10-32 Ground Screw and Solid Cu #12AWG Pigtail

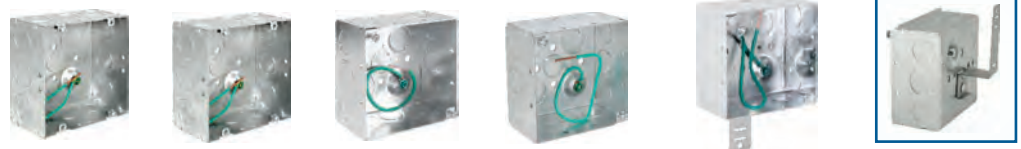
BSA

- ▶ Pre-installed Back Support Arm provides support for studs up to 6" deep
- ▶ Great for prefab applications

NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less (except 4-11/16" boxes)
- ▶ See A Section for complete offering of Electrical Junction, Covers, Rings and more

Cat. No.	Dimension Square	Pigtail Length	Cu. Inch	Knockouts		Std. Pkg.
				Sides	Bottom	
5SDB-MKO-PT	4-11/16"	7"	42.0	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
5SDB-MKO-PT-10	4-11/16"	10"	42.0	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT	4"	7"	30.3	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT-10	4"	10"	30.3	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT-BSA	4"	10"	30.3	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24



5SDB-MKO-PT 5SDB-MKO-PT-10 4SDB-MKO-PT 4SDB-MKO-PT-10 4SDB-MKO-PT-BSA

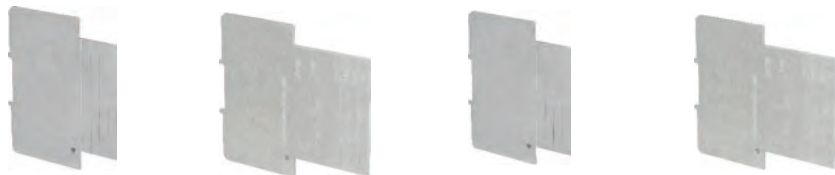
6" Adjustable Back Support Arm

LOW-VOLTAGE PARTITIONS

PRODUCT FEATURES

- ▶ Steel Partitions allow for multi-system installations inside junction box
- ▶ Not compatible with Adj. Rings

Cat. No.	Description	Dimension Square	For Use with 2-Gang Rings	Std. Pkg.
5SDP-100	For use with 2-1/8" Deep Boxes	4-11/16"	Flat, 1/4", 1/2", 3/4", 1"	25
5SDP-200	For use with 2-1/8" Deep Boxes	4-11/16"	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25
4SDP-100	For use with 2-1/8" Deep Boxes	4"	Flat, 1/4", 1/2", 3/4", 1"	25
4SDP-200	For use with 2-1/8" Deep Boxes	4"	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25



5SDP-100

5SDP-200

4SDP-100

4SDP-200

NEMA TYPE 1 12" X 12" ENCLOSURE WITH SPECIALTY K.O.'S

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box
- ▶ 12124-50: 1" distance from back of box to bottom of K.O.
- ▶ 12124-850: 3/8" distance from back of box to bottom of K.O.

Cat. No.	Enclosure Size (Inches)			Knockouts		Std. Pkg.
	Width	Height	Depth	Sides	Bottom	
12124-50 NEW	12"	12"	4"	20 - 1/2"	1 - 1" & 1-1/4" CKO	2
12124-850 NEW	12"	12"	4"	32 - 1/2"	1 - 1" & 1-1/4" CKO	2



12124-50

12124-850



Shown installed to BCHS-12, MC cables connected to 1/2" K.O.'s

Shown fabricated to lighting panel, used as pull box

Shown fabricated with pre-wired lighting relay devices, ready-to-install

- **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Acceptable for use in 2-hour fire rated walls



P27 | Large Capacity Boxes

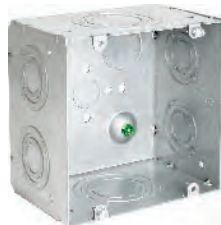
TRUE 5" SQUARE BOXES

WELDED
3-1/4" DEEP
71.8 Cu. In.
WITH RAISED GROUND EMBOSES

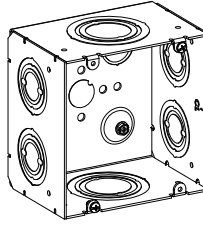
PRODUCT FEATURES

- ▶ More than double capacity compared to 4" square boxes
- ▶ Extra space easily meets minimum bend radius for easier installations
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Supports all current copper CAT and fiber optic cables as well as predicted increases
- ▶ Use T5R or any Orbit 5" Sq. Box Mounting brackets to use 4" rings on 5" boxes

Cat. No.	Description	Sides	Bottom	Std. Pka.
T5B-200	True 5" Square Box	2 - 1" to 2" CKOs 4 - 1/2" to 1-1/4" CKOs	1 - 1/2" & 3/4" MKOs 1 - 3/4" & 1" MKOs 1 - 1/2" KO & Two Ground Screws On Bottom	10
T5B-50/200	True 5" Square Box, 1/2" KO & 2" MKO	2 - 1" to 2" CKOs 4 - 1/2" & 3/4" CKOs 8 - 1/2" KO	1 - 1/2" & 3/4" MKOs 1 - 3/4" & 1" MKOs 1 - 1/2" KO	10



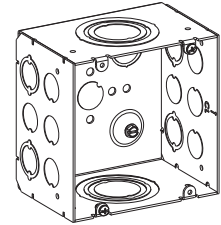
T5B-200



T5B-200
5" x 5" x 3-1/4"



T5B-50/200



T5B-50/200
5" x 5" x 3-1/4"



**Video Available
On Our Website!**

INSTALLATION

Brackets allow for 4" ring compatibility!



Stud Mount with UMA-LVBS

Mount 4" Rings on 5" Boxes with UMA-LVBS

Adjustable between Stud with SSB-T5

Snap UMA-LVBS onto SSB-T5 (pg. P1) to position the box exactly where you want

Fixed between Stud with FB-4

Compatible with Orbit's Flat Bracket Family (pg. P13) and Fixed Mounting Brackets (pg. P15)

5" SQUARE BOX ACCESSORIES

PRODUCT FEATURES

- ▶ Steel Partitions allows for multi-system installations inside junction box
- ▶ T5R eliminates need for 5" sq. rings
- ▶ Partitions not compatible with Adj. Rings

Cat. No.	Description	For Use with 2-Gang Rings	Std. Pka.
T5C	True 5" Blank Cover	-	50
T5R	True 5" Reducer Cover, 4" Sq Opening, screws to mount 4" Sq. Ring included	-	50
T5P-100	True 5" Square Box Partition For 3-1/4" Deep Boxes	Flat to 1"	25
T5P-200	True 5" Square Box Partition For 3-1/4" Deep Boxes	5/8", 1-1/4" to 2"	25



T5C

Pre-installed screws



T5R



T5R has the pre-Installed screws which are prepared to take any 4" Ring



T5P-100



T5P-200

LARGE CAPACITY DATA BOXES

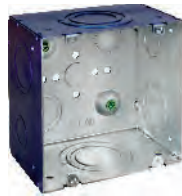
WELDED

WITH RAISED GROUND EMBOSES

PRODUCT FEATURES

- ▶ Provides easy identification of products containing data systems cabling
- ▶ Prevents need for painting
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Durable Blue Powder Coat Finish
- ▶ B-5SLB available unpainted as the 5SLB-2MKO (see below)

Cat. No.	Description	Sides	Bottom	Std. Pkg.
B-T5B	Blue True 5" Sq., 3-1/4" Deep Box, 71.8 Cu. In.	2 - 1" to 2" CKOs 2 - 1" & 1-1/4" MKOs 2 - 1/2" & 3/4" MKOs	1 - 1/2" & 3/4" MKOs 1 - 3/4" & 1" MKOs 1 - 1/2" KO	12
B-T5C	Blue True 5" Sq. Blank Cover	-	-	50
B-5SLB	Blue 4-11/16" Sq., 2-1/2" Deep, 49.4 Cu. In.	4 - 3/4" & 1" MKO 4 - 1" & 1 - 1/4" MKO	2 - 1/2", 2 - 3/4"	24
B-5BC	Blue 4-11/16" Sq. Blank Cover	-	-	50



B-T5B



B-T5C



B-5SLB



B-5BC

EASILY FITS CURRENT CABLE BEND RADIUS REQUIREMENTS AND FUTURE INCREASES

UP TO 100% MORE SPACE

4-11/16" SQUARE LARGE CAPACITY BOXES

WELDED

2-1/2" DEEP

49.4 Cu. In.

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Suitable for Datacom & Electrical Applications
- ▶ Available in Blue for Data Applications as the B-5SLB (see above)
- ▶ Pair with SSB Brackets when installing 1-1/4" conduit

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
5SLB-2MKO	4 - 3/4" & 1" MKO, 4 - 1" & 1 - 1/4" MKO	2 - 1/2", 2 - 3/4"	24



5SLB-2MKO



5SLB-2MKO Shown Installed



5SLB-2MKO, 52058 & 5SLP-200 Shown Installed



4-11/16" SQUARE BOXES LOW-VOLTAGE PARTITIONS

PRODUCT FEATURES

- ▶ Steel Partitions allows for multi-system installations inside junction box
- ▶ Not compatible with Adj. Rings

Cat. No.	Description	For Use With 2-Gang Rinas	Std. Pkg.
5SLP-100	For use with 5SLB-2MKO or B-5SLB	Flat, 1/4", 1/2", 3/4", 1"	25
5SLP-200	For use with 5SLB-2MKO or B-5SLB	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25



5SLP-100



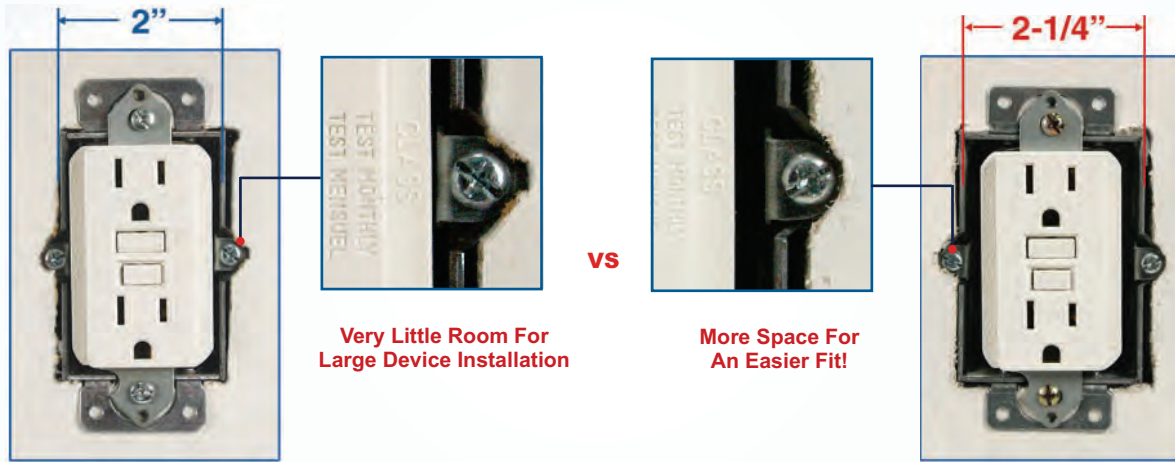
5SLP-200

- **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Acceptable for use in 2-hour fire rated walls



P29 | Oversized Old-Work Switch Boxes

INSTALLATION



TRADITIONAL TIGER GRIP WITH GFCI INSTALLED

TGW SHOWN WITH GFCI INSTALLED

WIDE OLD-WORK SWITCH BOX WITH GROUNDING "PIGTAIL"

PRODUCT FEATURES

- ▶ Non-Gangable, Wide Switch Box
- ▶ Pre-Assembled with 10-32 Ground Screw & 7" Solid #12AWG Pigtail
- ▶ Must be used with Mid-Size or Oversized Wall Plate
- ▶ Facilitates GFCI and Controls Installations



Cat. No.	Description	Volume	Knockouts			Std. Pkg.
			Sides	Ends	Bottom	
WMB-PT	3" H x 2-1/4" W x 2-3/4" D	18.5 Cu. In.	4 - 1/2"	2 - MKO	2 - 1/2"	50
SBS	Switch Box Support Brackets, Bendable Tabs	-	-	-	-	100
OWG	Cut in Old-Work Clip	-	-	-	-	100



Featuring 1/2" & 3/4" MKO

WMB-PT



SBS



Shown Installed



OWG



Shown Installed

1/4" Wider & Deeper for easy installation of GFCI and other large devices

WIDE TIGER GRIP

PRODUCT FEATURES

- ▶ Non-Gangable Switch Boxes
- ▶ Must be used with Mid-Size or Oversized Wall Plate
- ▶ Facilitates GFCI and Controls Installations
- ▶ Material: Galvanized Steel



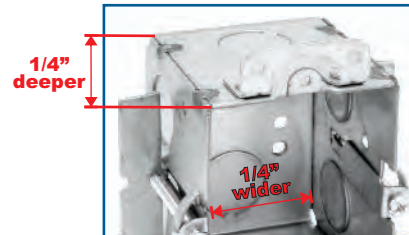
Cat. No.	Description	Volume	Knockouts			Std. Pkg.
			Sides	Ends	Bottom	
TGW	3" H x 2-1/4" W x 2-1/2" D	15.0 Cu. In.	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
TGMW	3" H x 2-1/4" W x 2-3/4" D	18.5 Cu. In.	4 - 1/2"	2 - 1/2"	2 - 1/2"	50



TGW



TGMW



TGMW SHOWN

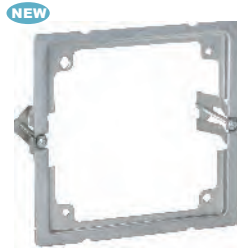
UNIVERSAL CUT-IN BOX ADAPTER

PRODUCT FEATURES

- ▶ Conveniently mount any 4" square steel junction box into old work applications
- ▶ Works with 4" square boxes of any depth
- ▶ Two integrated old work steel clips with screws
- ▶ For drywall or other wall materials
- ▶ Small footprint easily concealed by life safety devices greater than 4-7/8" W X 4-3/4" H
- ▶ Available in Red powder coat finish for FA circuits

Visit our website to download a wall mounting template

Cat. No.	Description	Std. Pka.
UCIA-4S <small>NEW</small>	Cut-in adapter for 4" Square Boxes	20
FA-UCIA-4S <small>NEW</small>	Red Cut-in adapter for 4" Square Boxes	20



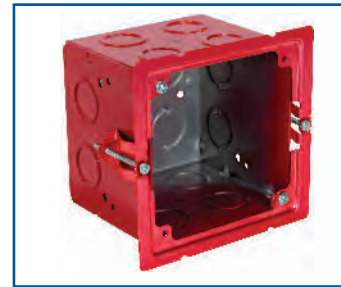
UCIA-4S



FA-UCIA-4S

Turn any 4" square box into an "Old Work" box!

INSTALLATION



FIRE ALARM

Small footprint easily concealed by life safety devices

PREFABRICATION

Prepare 4" boxes with UCIA-4S in the shop

4" SQUARE STEEL BOXES WELDED

PRODUCT FEATURES

- ▶ 3-1/2" Extra Deep boxes ideal for fire alarm and security applications
- ▶ Available with 1/2" to 3/4" CKOs or MKOs
- ▶ Available in Red powder coat finish for FA circuits

Cat. No.	Description	Knockouts		Std. Pka.
		Sides	Bottom	
FA-4SB-MKO	Red 4" Square, 1-1/2" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
FA-4SDB-MKO	Red 4" Square, 2-1/8" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
FA-4SDB-75	Red 4" Square, 2-1/8" Deep Box	8 - 3/4"	2 - 1/2", 2 - MKO	24
FA-4SEDB-CKO	Red 4" Square, 3-1/2" Deep Box	12 - CKO	4 - CKO	24
4SB-MKO	4" Square, 1-1/2" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
4SDB-MKO	4" Square, 2-1/8" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-75	4" Square, 2-1/8" Deep Box	8 - 3/4"	2 - 1/2", 2 - MKO	24
4SEDB-CKO	4" Square, 3-1/2" Deep Box	12 - CKO	4 - CKO	24



FA-4SB-MKO



FA-4SDB-MKO



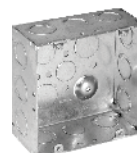
FA-4SDB-75



FA-4SEDB-CKO



4SB-MKO



4SDB-MKO



4SDB-75



4SEDB-CKO

Full Selection of 4" Sq. Boxes on pages A9-11 & A24



UNIVERSAL FIREBLOK SUPPRESSION INSERT

PRODUCT FEATURES

- ▶ One SKU fits single gang, 4" and 4-11/16" square boxes via break-apart design
- ▶ Non-Conductive
- ▶ Intumescent thermoplastic
- ▶ Pre-molded opening to accommodate raised grounding provisions and wiring access
- ▶ Up to 2 Hour Fire Rated
- ▶ Will not dry out or crumble
- ▶ Soundproof with STC Rating of 52**
- ▶ Certified for both Plastic and Metal faceplates in all fire-rated walls
- ▶ 95% labor savings over Putty Pad technology

* By Fireblok IP Holdings
 ** Tested in a UL 411 wall assembly to ASTM E90

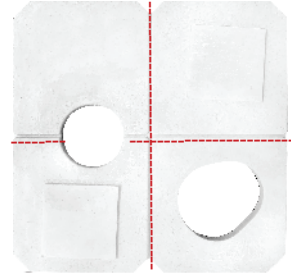


Cat. No.	Description	Std. Pkg.	Master Ctn
UFSI NEW	Universal Firestop Insert for 1G, 4", 4-11/16" Electrical Box, White	30	120

NEW

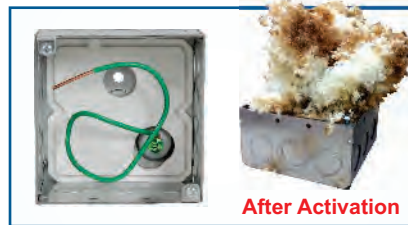
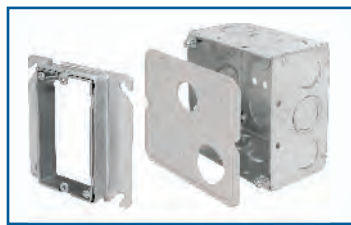


UFSI



Break-apart Design

Cut-In Box: 1/2 Insert 4" Sq. Box: 1 Insert 4-11/16" Sq. Box: 1-1/2 Inserts



After Activation



The Universal Firestop Insert adheres to the inside of most 1-Gang, 4", or 4-11/16" electrical boxes

Call on Orbit to install Firestop Inserts in the box of your choice

Expands 20+ times its size when exposed to temperatures above 220° F

TRADITIONAL

No more field installed putty

FIRESTOP PUTTY PADS AND STICKS*

PRODUCT FEATURES

- ▶ Applied by hand with no curing time
- ▶ Pad is soundproof with STC Rating of 60**
- ▶ Intumescent at 220°F
- ▶ Reusable
- ▶ Adheres to all common building surfaces
- ▶ Up to 3 Hour Fire Rated

* By Metacaulk
 ** Tested in a UL 441 wall assembly/section to ASTM E90

Cat. No.	Description	Std. Pkg.
FSPS18	Firestop Putty Stick, 18 Cu. In., Red	12
FSPP67	Firestop Putty Pad, 6" x 7" x 1/8", Red	20
FSPP77	Firestop Putty Pad, 7" x 7" x 1/8", Red	20



FSPS18



FSPP67
FSPP77



Putty Sticks seal around penetrating items such as cables, conduits and metal pipes.



Maintain the hourly rating of fire-rated walls as well as reduce sound transmission.

PUTTY STICKS

PUTTY PADS

STEEL EMT SLIP COUPLING SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Used to join two ends of EMT together
- ▶ Diamond shape inspection window to ensure both ends of conduits are visible
- ▶ Back out center screw stop as necessary to slip coupling over conduit
- ▶ Fully install center screw stop between conduits



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SESCS-50 <small>NEW</small>	1/2"	50	500
SESCS-75 <small>NEW</small>	3/4"	25	250
SESCS-100 <small>NEW</small>	1"	10	100
SESCS-125 <small>NEW</small>	1-1/4"	-	25
SESCS-150 <small>NEW</small>	1-1/2"	-	25
SESCS-200 <small>NEW</small>	2"	-	20
SESCS-250 <small>NEW</small>	2-1/2"	-	12
SESCS-300 <small>NEW</small>	3"	-	12
SESCS-350 <small>NEW</small>	3-1/2"	-	6
SESCS-400 <small>NEW</small>	4"	-	6



1/2" to 1"



1-1/4" to 4"

ZINC DIE CAST DOUBLE-SNAP CABLE CONNECTOR

PRODUCT FEATURES

- ▶ Zinc Die Cast
- ▶ 105°C rated throat insulator
- ▶ Fast and Tool-free installation
- ▶ Removable and Reusable
- ▶ For FMC, AC, MCI, MCI-A, HCF, RWFC
- ▶ Dry location



Cat. No.	Description	Trade Sides	Std. Pkg.	Master Ctn.
DSC-38	DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel MCI: 0.395" - 0.638" AL MCI: 0.40" - 0.618" Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") AL RWFC: 3/8"	3/8"	50	500
DSC-38C	CUT-IN DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR, FOR OLD WORK Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel/AL MCI: 14/2 (0.395") - 10/3 (0.638") Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL FMC: 3/8"	3/8"	50	500



DSC-38



DSC-38C



Full Selection of Flex/AC/MC Fittings on pages D11-19



GROUND SCREWS & CLIP

Cat. No.	Description	Std. Pkg.	Master Carton
GS-1032	Ground Screw 10-32 x 3/8", Green, Slotted/Philips/Hex Washer Head	100	1000
GS-1032-PT	GS-1032 with 7" Solid Cu. #12AWG Pigtail	50	250
GS-1032-PT-10	GS-1032 with 10" Solid Cu. #12AWG Pigtail	50	250
GS-1032-PT-12	GS-1032 with 12" Solid Cu. #12AWG Pigtail	50	250
PTST-8 <small>NEW</small>	GS-1032 with 8" Stranded Cu. #12AWG Pigtail and Flanged Spade Terminal	50	250
GC	Grounding Clip, for #14 - #10 AWG Copper	100	1000



GS-1032



GS-1032-PT
GS-1032-PT-10
GS-1032-PT-12



PTST-8



GC

POWER WIRE TAILS SOLID

PRODUCT FEATURES

- Both ends pre-stripped 5/8"

Cat. No.	Description	Std. Pkg.	Master Carton
WTSO-8-BLK <small>NEW</small>	8" Solid Cu. #12AWG, Black	50	250
WTSO-8-RED <small>NEW</small>	8" Solid Cu. #12AWG, Red	50	250
WTSO-8-BL <small>NEW</small>	8" Solid Cu. #12AWG, Blue	50	250
WTSO-8-GR <small>NEW</small>	8" Solid Cu. #12AWG, Green	50	250
WTSO-8-WH <small>NEW</small>	8" Solid Cu. #12AWG, White	50	250



WTSO-8-BLK



WTSO-8-RED



WTSO-8-BL



WTSO-8-GR



WTSO-8-WH

POWER WIRE TAILS STRANDED

PRODUCT FEATURES

- One flanged spade terminal
- One end pre-stripped 5/8"

Cat. No.	Description	Std. Pkg.	Master Carton
WTST-8-BLK <small>NEW</small>	8" Stranded Cu. #12AWG and Flanged Spade, Black	50	250
WTST-8-RED <small>NEW</small>	8" Stranded Cu. #12AWG and Flanged Spade, Red	50	250
WTST-8-BL <small>NEW</small>	8" Stranded Cu. #12AWG and Flanged Spade, Blue	50	250
WTST-8-GR <small>NEW</small>	8" Stranded Cu. #12AWG and Flanged Spade, Green	50	250
WTST-8-WH <small>NEW</small>	8" Stranded Cu. #12AWG and Flanged Spade, White	50	250



WTST-8-BLK



WTST-8-RED



WTST-8-BL



WTST-8-GR

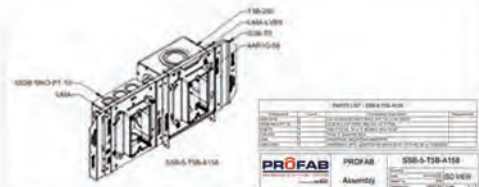
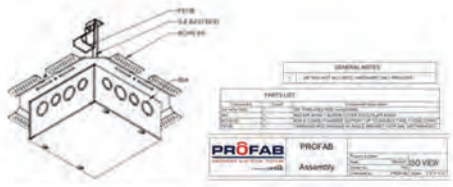


WTST-8-WH

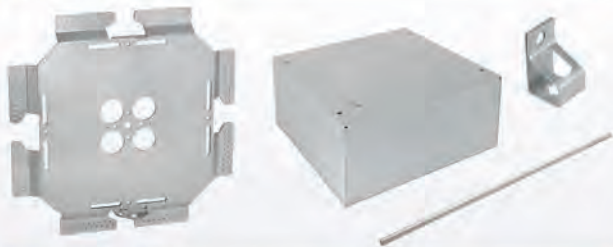


CONTRACTOR STANDARD ASSEMBLIES

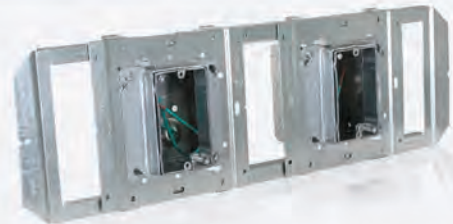
DESIGN



COMPONENTS

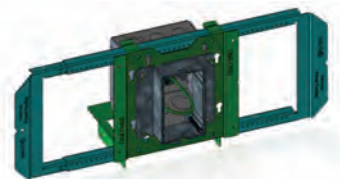


ASSEMBLY



BIM COLLABORATION

We will work with your design team via cloud workflow on your Electrical rough-in solutions. Total station layout points with specific parameters can be included, inquire for more information.



Two PROFAB locations to serve you!

www.orbitprofab.com



READY TO TAKE THE NEXT STEP?

Please email project details and documents to:

info@orbitprofab.com

Or, schedule a free discovery call:

1-833-3-PROFAB (776322)





BASE ASSEMBLIES

PROFAB is "Your Partner in Prefabrication!" We work with your team to deliver tailor-made solutions for your specific project needs. Scope of services range from quick Base Assembly orders to engineered "Room-In-A-Box" solutions. Below are typical timelines of our services.

PROFAB
QUOTATION

Item #	QTY	UNIT	DESCRIPTION	PRICE	TOTAL	REMARKS
1	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
2	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
3	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
4	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
5	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
6	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
7	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
8	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
9	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration
10	1	EA	10' x 10' x 8' Base Assembly	1000	1000	Standard configuration

Quotation

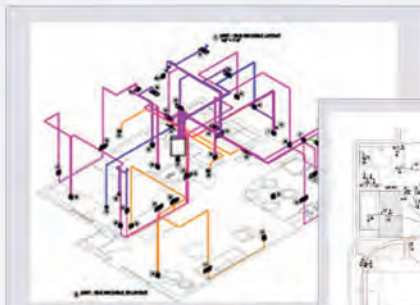


DESIGN/BUILD



PROFAB
DISTRIBUTOR NET
Contractor X
June 1, 2020

Quotation + Scope of Work



Isometric Drawings



Floor Plans

Design



SSB-T5B-A158-CS6

LVBS-4-158 w/ Device & MC

Room pack

Bulk pack

We will pack assemblies in Bulk or By Room based on your specifications

Assembly, Quality Control & Ship

WEEK 3

WEEK 4

MONTH 3

MONTH 4

Final Build
Review
Release
Sign-off

PROFAB support throughout project



Ship per project schedule dates by floor/area direct to job site

TO BOX: 33
ROUTE: IW
MC: APSL123BKRD
LENGTH: 17.00
PNL-CIR: 12
CABLE #:
FLOOR: 02
W/L:
ROOM: U001 - 072
PROFAB
Cable Tag

RM #	1010
UNIT	4
AREA	24
TYPE	5
ASSEMBLY	SSB-4-A158
CTR	26
KO	23
D/C/O	D
D1	LV-S632-00W
D2	NA
D3	
D4	
S AREA	EC_OBCC_F1-Q3-6
RM #	1010
PROFAB	
Assembly Tag/ Stud Tag	

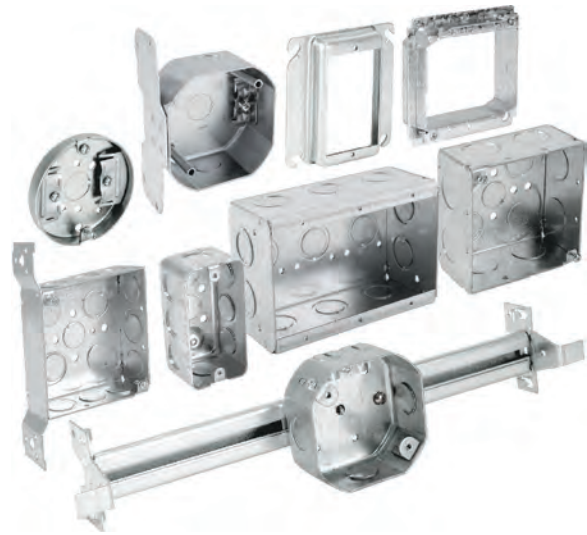
PROFAB
F1-Q1-4
RM# 1030-1033
Room-Specific Package I.D.

Assembly, Quality Control & Ship

Timelines above are estimates. Your specific project timeline may vary.



As a leading manufacturer of electrical products, Orbit offers one of the largest selections of electrical boxes and rings in the industry. Our state-of-the-art manufacturing facilities and industry trained engineers ensure the production and development of quality electrical products. With the contractor as our main priority, all of our boxes are cleaned, deburred and offered with a variety of brackets and knockouts to suit various applications.



BRACKET OPTIONS



Up to 7 different types

FLUSH KNOCKOUTS



Variety of options

CLEAN BOXES AND NO SHARP EDGES



Clean and deburred boxes

EMBOSS AND PIGTAIL



Reduce waste and time
10" length pigtail on select boxes

CLAMPS



Accommodates metal and non-metallic cables

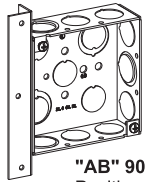
PRE-INSTALLED RAISED SCREWS



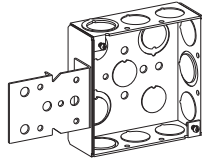
Easy installation out of box

Bracket Specification

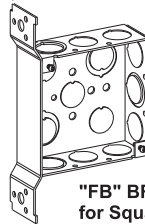
BRACKET TYPE	AB	B (for S)	FB (for S)	FB (for FSB)	FB (for R)	FB (for H)	LB	MS	OB	WB
Length	5-7/8"	3"	7-3/8"	5-1/2"	7-1/4"	7"	2 - 3/8"	2-1/2"	6-3/4"	7-1/2"
Width	7/8"	2"	1-9/16"	2-1/8"	3/4"	1"	2 - 23/32"	1-3/8"	1-3/16"	1-9/16"
Offset	0" (Flush)	0" (Flush)	0" (Flush)	9/16"	1/2"	9/16"	1/4"	0" (Flush)	1-5/16"	0" (Flush)



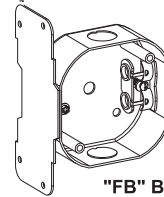
"AB" 90° BRACKET
Positions box against face and side of stud.



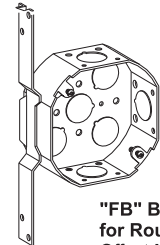
"B" BRACKET for Square Box
Face mounts on front edge of wood stud.



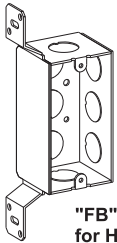
"FB" BRACKET for Square Box
Mounts on flat side of stud.



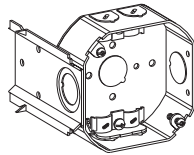
"FB" BRACKET for FSB
Flush-Mounts on flat side of stud or joist.



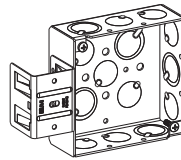
"FB" BRACKET for Round Box
Offset Mounts on flat side of stud or joist.



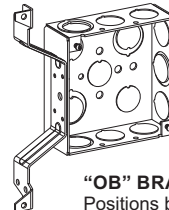
"FB" BRACKET for Handy Box
Mounts on flat side of stud.



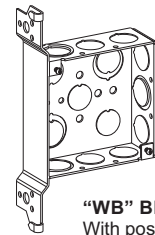
"LB" BRACKET
With spurs, slotted holes for toe-nailing.



"MS" BRACKET
Self-Gripping Metal Stud Bracket with Box Support Clip.
***Model Revised Feb. 2008**

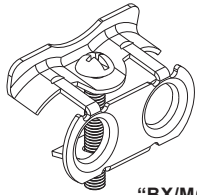


"OB" BRACKET
Positions box away from side of stud for door frame trim clearance.

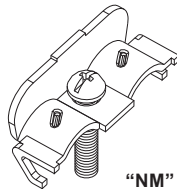


"WB" BRACKET
With positioning spurs to mount box on side of stud.

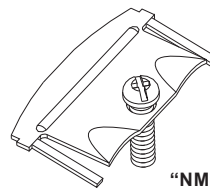
Clamp Specification



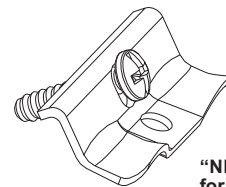
"BX/MC" Clamp
Accommodates Metal Clad Cables from size #14-2 to #10-4
****All MC series boxes are suitable for use with MCI-A Type**



"NM" Clamp
Accommodates #14-2 to #10-3 Non-Metallic Cables with ground

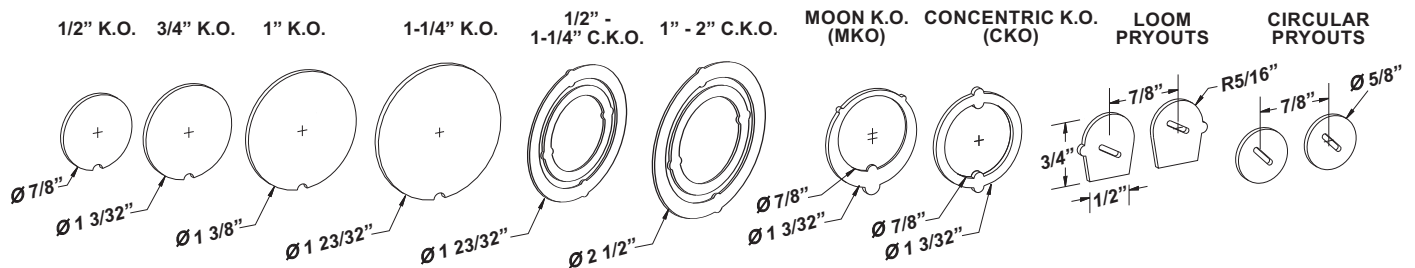


"NM" Clamp for Pancake Box
Accommodates #14-2 Non-Metallic Sheathed Cables with ground



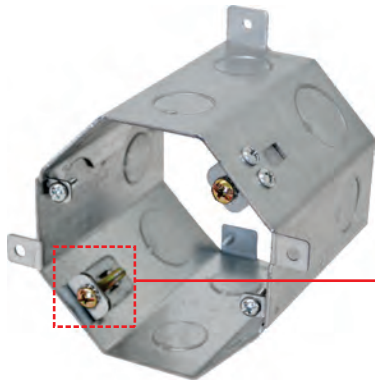
"NM" Clamp for Beveled Switch Box
Accommodates #14-2 to #10-3 Non-Metallic Sheathed Cables with ground. 45° & 90° Screw Mounting.

Knockout & Pryout Specification





Octagonal Concrete Ceiling Fan Box | Pg. A30

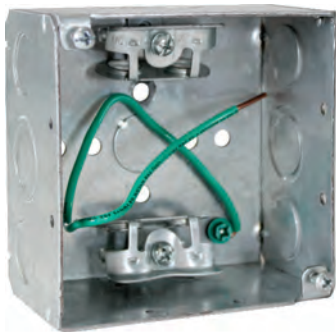


4CB-F

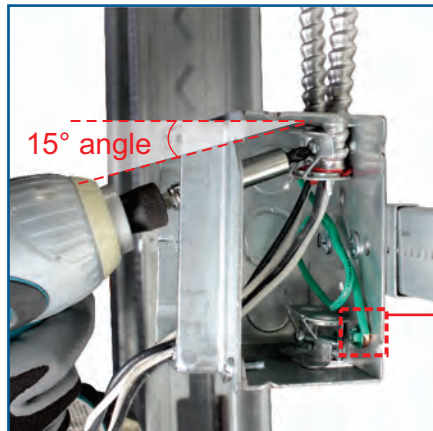


Orbit's line of Concrete Boxes and Covers continues to grow with the addition of a Fan-Rated Concrete Box, 4CB-F, 4" deep fan-rated concrete box approved to support fixtures up to 90 lbs. and fans up to 70 lbs.

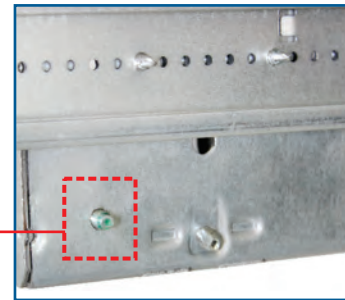
4" Box with Angled MC Cable Clamps | Pg. A10, P25, F22



4SDB-AMC-PT



15° angle



Unique ground screw location allows fastening of box to any Adj. Box Bracket

CUT-AWAY SIDE VIEW

The 4SDB-AMC-PT features cable clamp screws set at a 15° angle. Installers can now secure MC cable with the mud ring attached. This box can mount onto Adjustable Bar Hangers, thanks to its unique grounding screw location. Compatible with Orbit's UMA-LVBS, BARB, and SSB Families. An ideal MC box for prefabrication. Also available Ready-To-Install with mounting adapter and cable support.

Easy Access Lighting Box w/ Sliding Swivel | Pg. P22, I46, J21

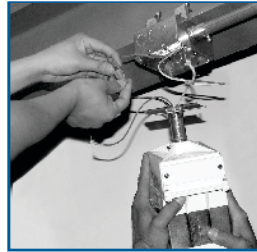
Only box UL-Listed for up to 90 lbs. of fixture load!

50% LABOR SAVINGS

PATENTED

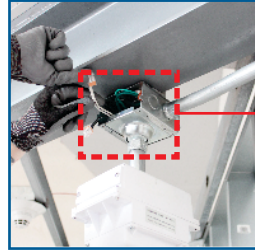


EALBS



TRADITIONAL METHOD

Requires two installers

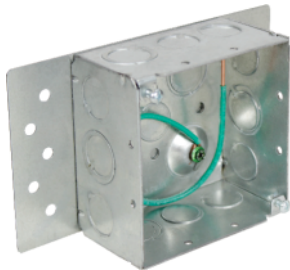


WITH ORBIT'S EALBS

One installer completes wiring while fixture hangs

Orbit's Easy Access Lighting Box with Sliding Swivel Cover can double productivity when hanging light fixtures. Two installers are needed when mounting traditional swivel covers: one person to hold, and another to complete the wiring. But with EALBS, just ONE installer does it all...and with both hands free for wiring! This 2014 NECA Showstopper features detachable sides and a 20° angle sliding swivel cover that fits 3/4" to 1/2" conduit (with supplied bushing). UL Rated up to 90lbs.

Easy Hang Boxes | Pg. A9, A16, P21 - 22



4SDB-BP



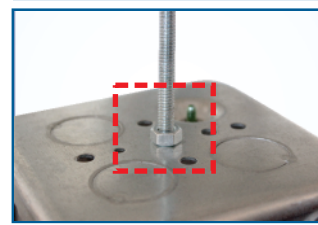
4SDB-MKO-S NEW



D5SDB-CKO-S



Mount to ceilings, walls, corrugated surfaces, or underneath counters

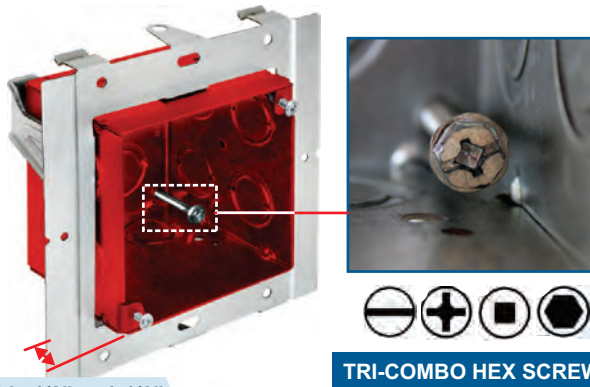


Secure to ceiling with just a rod and locknut
4SDB-MKO-S 3/8" ROD
D5SDB-CKO-S 1/4" ROD

Easy Hang Boxes have been developed through feedback from the field and installers looking to save time or simplify unique installations. The 4SDB-BP can be wired ahead of shipment to jobsite and installed without having to access the inside of the junction box. D5SDB-CKO-S have the back-center K.O. replaced with through hole eliminating need for washer or punching back-center K.O. when mounting boxes in suspended application.



Universal Mounting Adjustable Boxes | Pg. A4, A11, A24, P1, P5 - 8, F21 - 23



Adjustable 1/2" to 1-1/2"

TRI-COMBO HEX SCREW

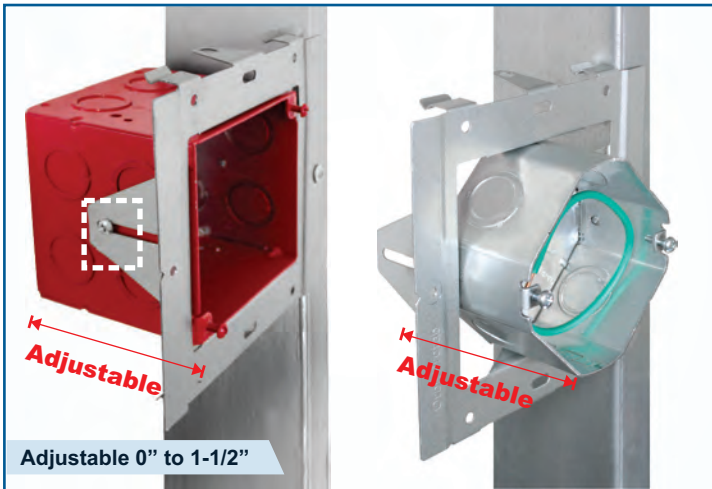


FA-UMIAB-35 **NEW**



UMIAB-35 **NEW**

INTERNAL ADJUSTMENT



Adjustable 0" to 1-1/2"



FA-UMAB



UMAB



FA-UMAB-4R



UMAB-4R

EXTERNAL ADJUSTMENT

DIRECT-TO, BETWEEN STUDS & OVERHEAD APPLICATIONS

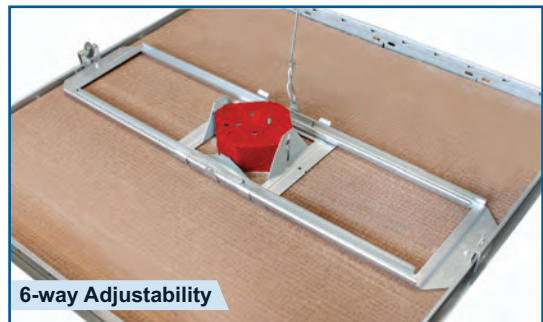


DIRECT TO STUD



6-way Adjustability

BETWEEN STUDS



6-way Adjustability

DROP CEILING (T-BAR)

UMAB's & UMIAB-35's can be mounted directly to studs or snapped onto SSB-T5 for between stud or overhead/hard lid applications and SSB-TBAR for drop ceiling applications

The Largest Selection of Gangable Switch Boxes With Pre-Installed Pigtail | Pg. A35 - 36

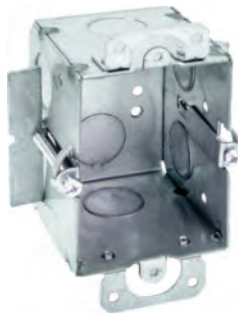


With the largest selection of switch boxes with pre-installed pigtails in the market, installing switch boxes has never been easier! Installers will no longer need to reach inside the narrow switch boxes to mount grounding pigtails again!

EXTRA Wide Switch Boxes | Pg. A34 - 35, P29



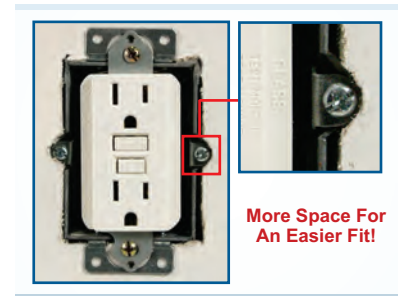
TGW



TGMW



WMB-PT



More Space For An Easier Fit!

TGW SHOWN WITH GFCI INSTALLED

Up to 1/4" Wider and/or Deeper than traditional 2" x 3" cut-in boxes to simplify the installation of oversized USB or GFCI devices. All models 2-1/4" wide. WMB-PT and TGMW are 2-3/4" deep; TGW is 2-1/2" deep. WMB-PT features 1/2" to 3/4" MKOs and 7" grounding pigtail.



Adjustable Depth Plaster Rings | Pg. A14 - 15, A20 - 21, A27, P23 - 24

Ensure a flush finish every time with the industry's largest offering of Adjustable Plaster Rings.

IDEAL FOR WALL DEPTHS UP TO 1-1/2"



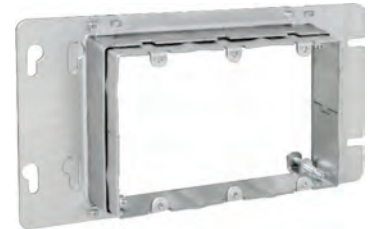
1-Gang, 4" or 4-11/16" sq.
Adj. range: 5/8" - 1-1/2"



2-Gang, 4" or 4-11/16" sq.
Adj. range: 5/8" - 1-1/2"



30, 4" sq.
Adj. range: 3/4" - 1-1/2"



3-Gang
Adj. range: 3/4" - 1-1/2"

The 4AR, 5AR, 4ARR & 3GAR Series of UL-Listed adjustable rings are ideal for use in applications where wall depths are up to 1-1/2".

IDEAL FOR INFINITE WALL DEPTHS



1-Gang, 4" or 4-11/16" sq.
Adj. range: 5/8"+
with use of 1GX75



2-Gang, 4" or 4-11/16" sq.
Adj. range: 5/8"+
with use of 2GX75



1GX75
1-Gang,
3/4" Extension



2GX75
2-Gang,
3/4" Extension



Exploded View of 5SAR2G & 2GX75 Installed

The SAR & WBAR Series of adjustable rings are perfect for applications where wall depths are 1-1/2" or greater. These rings are compatible with the 1GX75 or 2GX75, allowing installer to achieve infinite depths effortlessly.

Dual Direction Fixture Rings | Pg. A5, A12, A19



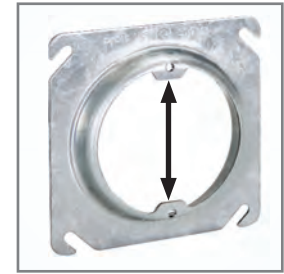
CONCRETE



40 to 30



4" Sq. to 30



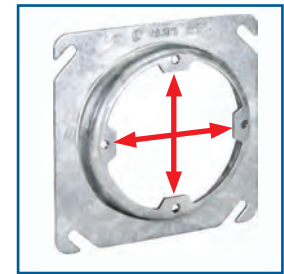
ONE-DIRECTION
Industry Standard



4-11/16" Sq. to 30



4" & 4-11/16" Sq. to 40

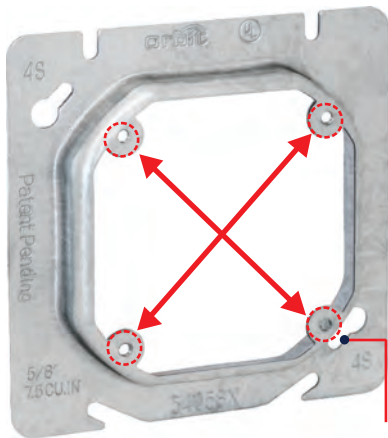


DUAL-DIRECTION
Orbit's New Standard

All Orbit Fixture Rings with Round Openings are now Dual-Direction Mounting. With four mounting tabs (vs. the two-tab standard), installers can now mount 30 and 40-compatible fixtures in any orientation. Installers can also mount rings on boxes with less planning – and less potential re-work!

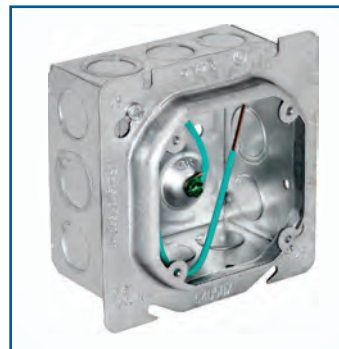
Universal 4" & 4-11/16" Sq. to 40 Fixture Rings | Pg. A19, P25

NEW



540X Series

#8-32 Threads



4" BOX

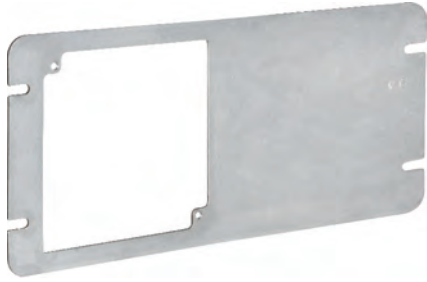


4-11/16" BOX

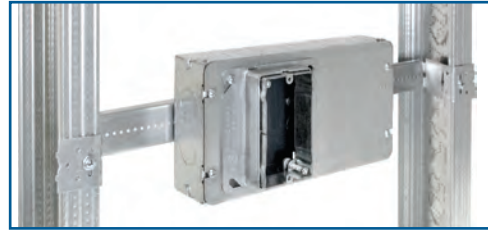
Universal Square-to-Octagon Fixture Rings transition any 4" or 4-11/16" square box into a 4" octagon (3-1/2" O.C.) opening. 540X Series features four (4) dual-direction mounting tabs, so 40 compatible fixtures can be installed in any orientation, saving installation time.



4" Square Ring Adapter for 3-Gang Box | Pg. A27



4M3-4S



4M3-4S Shown Installed on BHA-16, SB-3 & 4AR1G-58

4" Square Ring Adapter for 3-Gang Junction Box transitions a multigang box into a 4" square opening. Ideal in markets where 2-1/2" stud depths are common. Increase box fill volume by 55% (65 Cu. In.) versus deep 4-11/16" Sq., 2-1/8" deep junction boxes (42 Cu. In.). Increased volume allows for more conductors and fittings within tight wall spaces.

Universal Cut-In Box Adapter | Pg. A24, A33, P30



UCIA-4S



FA-UCIA-4S



FIRE ALARM

Small footprint easily concealed by life safety devices



PREFABRICATION

Prepare 4" boxes with UCIA-4S in the shop

Enable any 4" square junction box to be used in old work applications. Installers can quickly mount 4" sq. boxes of any depth into existing walls. Includes two (2) old work clips that firmly secure boxes to finished drywall or plaster, without risk of pull-out. Small footprint is easily covered by large appliances and devices. FA-UCIA-4S is powder coated red for quick identification of FA devices.



LOOKING TO INSTALL RIGHT OUT OF THE BOX?

Contact our PROFAB Service Division to discuss solutions for your next big job!

Request a PROFAB consultation today!

1.833.3.PROFAB (776322) | info@orbitprofab.com | www.orbitprofab.com

4" CEILING FAN & LIGHT FIXTURE SUPPORT PRODUCTS

WITH NON-METALLIC (NM) SHEATHED CABLE CONNECTOR

PRODUCT FEATURES

- ▶ NM Clamp installed in 1-1/2" & 2-1/8" Boxes
- ▶ Easy-to-follow Instruction Sheet
- ▶ Complies with NEC 314.27 (A)(C)(D) for up to 70 lbs. of ceiling fan load or 70 lbs. of fixture load (for more information see pg. W18)

NOTE

- ▶ Hardware Pack include variety of fasteners for all installation types
- ▶ Replaceable MC Clamp supplied in Hardware Pack

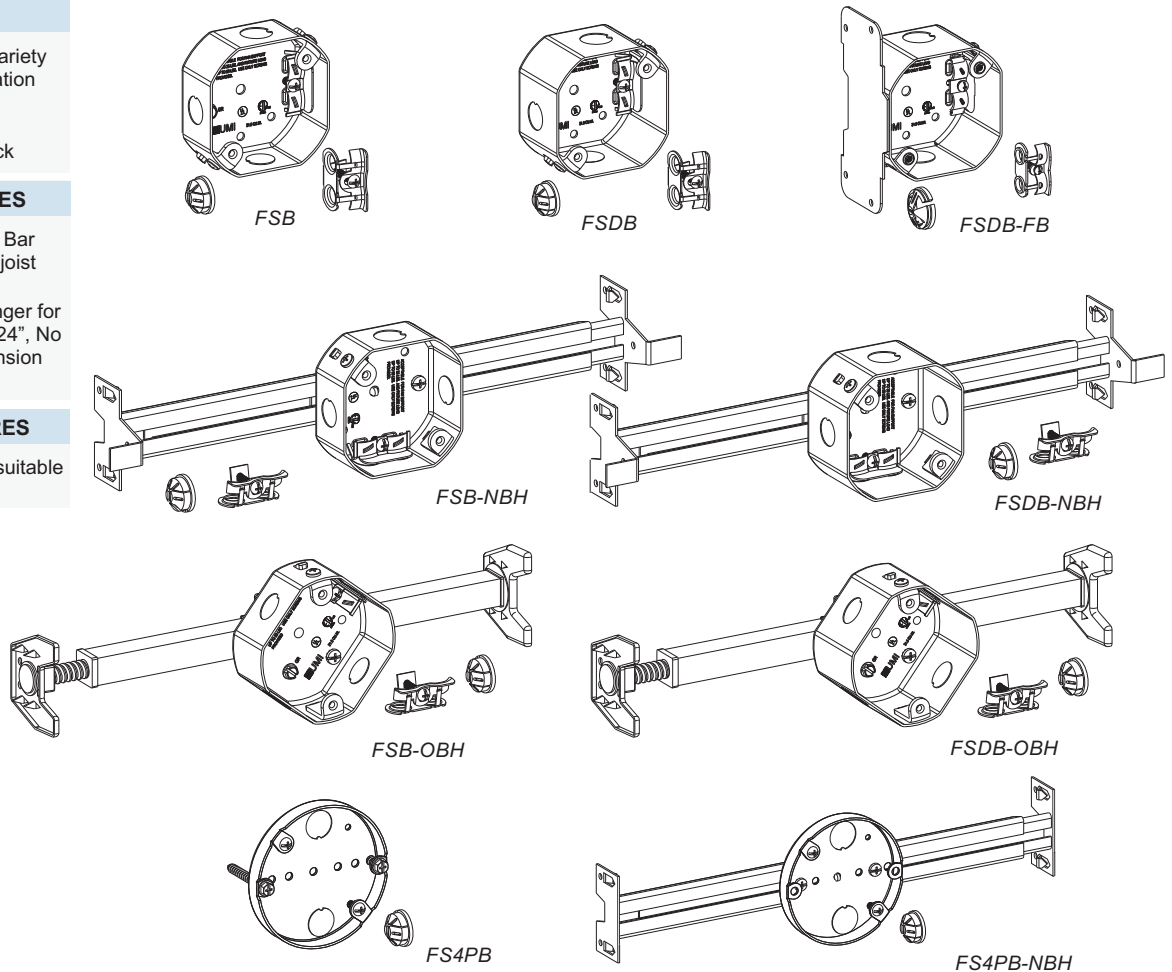
BAR HANGER FEATURES

- ▶ **NBH:** New Construction Bar Hanger slides apart to fit joist spacing from 16" to 24"
- ▶ **OBH:** Old Work Bar Hanger for joist spacing from 16" to 24", No tools necessary for expansion of the bar

BX/MC CLAMP FEATURES

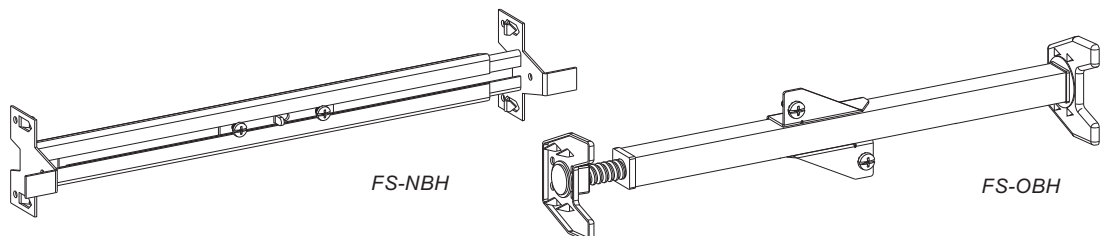
- ▶ All MC series boxes are suitable for use with MCI-A Type

Cat. No.	Depth	Clamp Type	Bracket, Setback or Expansion	Knockouts	Cu. In.	Std. Pkg.
FSB	1-1/2"	BX/MC, NM	-	3 - 1/2", 2 - Loom	15.5	20
FSDB	2-1/8"	BX/MC, NM	-	3 - 1/2", 2 - Loom	21.5	20
FSDB-FB	2-1/8"	BX/MC, NM	FB, 1/2"	2 - 1/2", 2 - Loom	21.5	20
FSB-NBH	1-1/2"	BX/MC, NM	NBH, 16" to 24"	3 - 1/2", 2 - Loom	15.5	10
FSDB-NBH	2-1/8"	BX/MC, NM	NBH, 16" to 24"	3 - 1/2", 2 - Loom	21.5	10
FSB-OBH	1-1/2"	BX/MC, NM	OBH, 16" to 24"	3 - 1/2", 2 - Loom	15.5	10
FSDB-OBH	2-1/8"	BX/MC, NM	OBH, 16" to 24"	3 - 1/2", 2 - Loom	21.5	10
FS4PB	1/2"	-	-	2 - 1/2"	6.0	20
FS4PB-NBH	1/2"	-	NBH, 16" to 24"	2 - 1/2"	6.0	10



FAN SUPPORT BAR HANGERS

Cat. No.	Description	Std. Pkg.
FS-NBH	16" to 24" Adjustable New Construction Bar Hanger for use with Fan Support Boxes	10
FS-OBH	16" to 24" Adjustable Old Work Bar Hanger for use with Fan Support Boxes	10



A2 | Pancakes, 30 Boxes & Covers

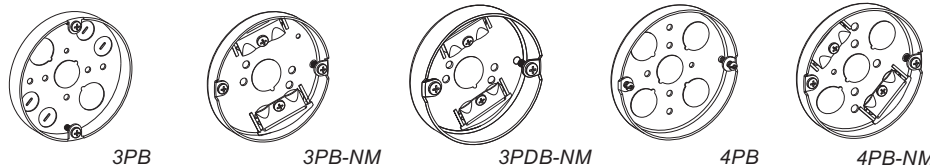


3-3/8" & 4" ROUND PANCAKE BOXES

NOTE

- ▶ Not for use as Ceiling Fan Support Boxes (See pg. A1)
- ▶ For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Depth	Clamp Type	Knockouts	Box Diameter	Cu. In.	Std. Pkg.
3PB-NM	1/2"	NM	1 - 1/2", 4 - Circ. Pryouts	3 - 3/8"	3.9	50
3PDB-NM	3/4"	NM	1 - 1/2", 4 - Circ. Pryouts	3 - 3/8"	5.0	50
4PB	1/2"	-	5 - 1/2"	4"	6.0	50
4PB-NM	1/2"	NM	3 - 1/2", 4 - Circ. Pryouts	4"	6.0	50



3-1/2" OCTAGON (30) BOXES & EXTENSION RING

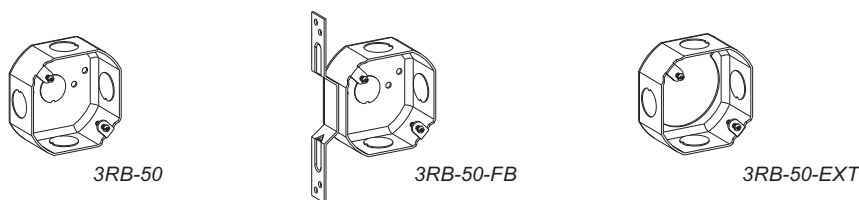
DRAWN
1-1/2" DEEP

9.0 Cu. In.

NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
3RB-50	-	4 - 1/2"	1 - 1/2"	50
3RB-50-FB	FB, 1/2"	3 - 1/2"	1 - 1/2"	50
3RB-50-EXT	-	4 - 1/2"	-	50



3-1/2" OCTAGON (30) BOXES

DRAWN
1-1/2" DEEP

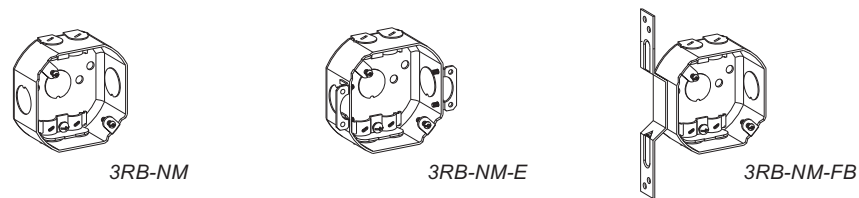
9.0 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 3RB-NM-E)

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
3RB-NM	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
3RB-NM-E	Ears	2 - 1/2", 4 - Loom	1 - 1/2"	50
3RB-NM-FB	FB, 1/2"	1 - 1/2", 4 - Loom	1 - 1/2"	50



3-1/2" ROUND COVERS

Cat. No.	Description	Std. Pkg.
3RBC	Flat, Blank	50
3RBCK	Flat, 1/2" KO	50



4" OCTAGON (40) BOXES

DRAWN
1-1/2" DEEP

15.5 Cu. In.

NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less

4" OCTAGON (40) BOXES & EXTENSION RINGS

WELDED
1-1/2" DEEP

15.5 Cu. In.

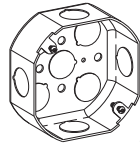
BAR HANGER FEATURES

- ▶ **BHA:** Adjustable Bar Hanger allows installation of box anywhere along length of stud
- ▶ 4RB-50-BHA includes 3/8" - 18 NPS trade sized stud to accommodate fixture stem

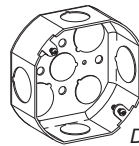
NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less
- ▶ *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span

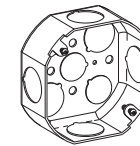
Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
D4RB-50	4 - 1/2"	5 - 1/2"	50
D4RB-50/75	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	50
D4RB-75	4 - 3/4"	3 - 1/2", 2 - 3/4"	50



D4RB-50

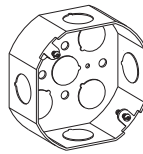


D4RB-50/75

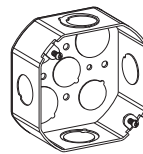


D4RB-75

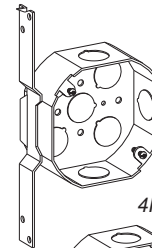
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RB-50	-	4 - 1/2"	5 - 1/2"	50
4RB-MKO	-	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	50
4RB-50-FB	FB, 1/2"	3 - 1/2"	5 - 1/2"	50
4RB-MKO-FB	FB, 1/2"	1 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	50
4RB-50-LB	LB, Flush	4 - 1/2"	5 - 1/2"	50
*4RB-50-BHA	BHA-1, Adj. 16" to 24"	4 - 1/2"	4 - 1/2"	25
4RB-50-EXT	-	4 - 1/2"	-	50
4RB-MKO-EXT	-	2 - 1/2", 2 - MKO	-	50



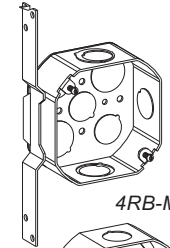
4RB-50



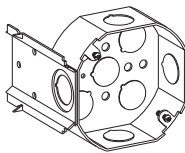
4RB-MKO



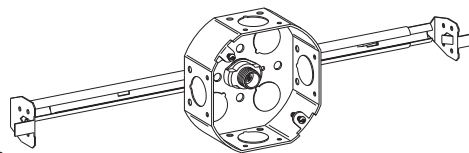
4RB-50-FB



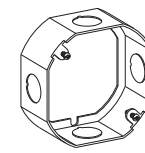
4RB-MKO-FB



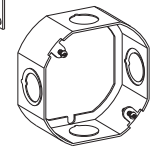
4RB-50-LB



*4RB-50-BHA



4RB-50-EXT



4RB-MKO-EXT

4" OCTAGON (40) BOXES

WELDED
1-1/2" DEEP

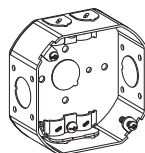
15.5 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

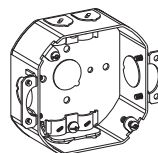
NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 4RB-NM-E and 4RB-NM-SG)
- ▶ *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span

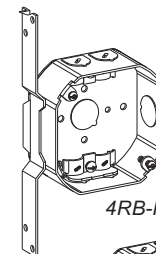
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RB-NM	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-E	Ears	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-FB	FB, 1/2"	1 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-LB	LB, Flush	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-SG	Swing Bracket - Old Work	4 - Loom	1 - 1/2"	50
*4RB-NM-BHA	BHA-1, Adj. 16" to 24"	2 - 1/2", 4 - Loom	-	25



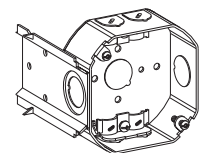
4RB-NM



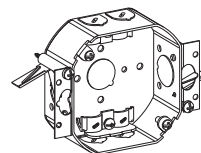
4RB-NM-E



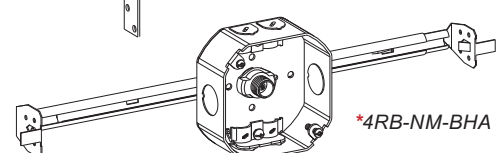
4RB-NM-FB



4RB-NM-LB



4RB-NM-SG



*4RB-NM-BHA

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



4" OCTAGON (40) BOXES

WELDED

1-1/2" DEEP

15.5 Cu. In.

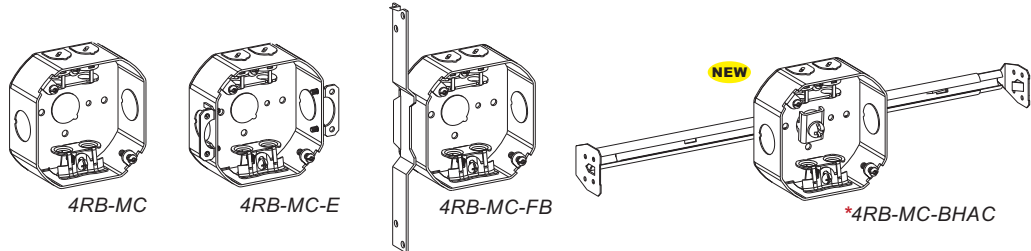
WITH METAL CLAD (BX/MC)

CABLE CLAMPS

NOTE

- For Fixture/Luminaire Support of 50 lbs or less (Except 4RB-MC-E)
- *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RB-MC	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-MC-E	Ears	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-MC-FB	FB, 1/2"	1 - 1/2", 4 - Loom	1 - 1/2"	50
*4RB-MC-BHAC NEW	BHA-1C, Adj. 16" to 24"	2 - 1/2", 4 - Loom	-	25



4" OCTAGON (40) DEEP BOXES

WELDED

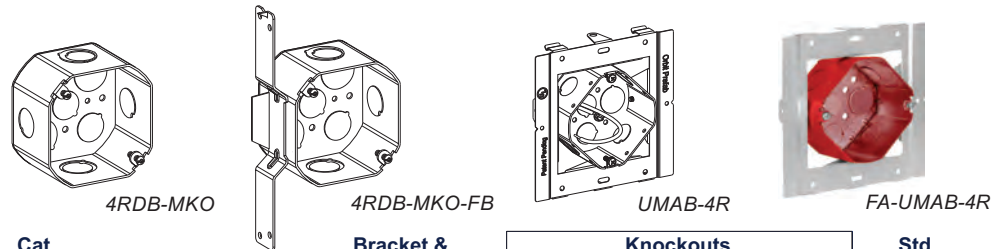
2-1/8" DEEP

21.5 Cu. In.

NOTE

- For Fixture/Luminaire Support of 50 lbs or less (except UMAB-4R's)
- UMAB-4R's mount direct-to-stud or used with the SSB-T5 or SSB-TBAR for between stud or ceiling installation (see pg. P1 for more info.)
- UMAB-4R's depth adjusted via screws on the outside of the box

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RDB-MKO	-	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	50
4RDB-MKO-FB	FB, 1/2"	1 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	25
UMAB-4R	Adjustable from 0" to 1-1/2"	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	20
FA-UMAB-4R	Adjustable from 0" to 1-1/2"	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	20



4" OCTAGON (40) DEEP BOXES

WELDED

2-1/8" DEEP

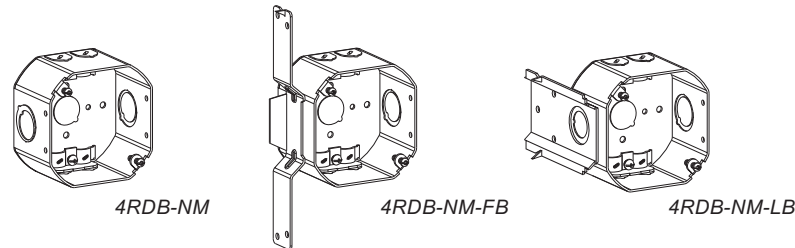
21.5 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

NOTE

- For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RDB-NM	-	2 - MKO, 4 - Loom	1 - 1/2"	50
4RDB-NM-FB	FB, 1/2"	1 - MKO, 4 - Loom	1 - 1/2"	25
4RDB-NM-LB	LB, 1/2"	2 - MKO, 4 - Loom	1 - 1/2"	25



4" OCTAGON (40) DEEP BOXES

WELDED

2-1/8" DEEP

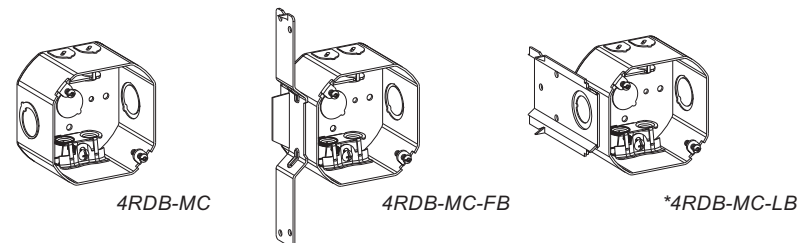
21.5 Cu. In.

WITH METAL CLAD (BX/MC) CABLE CLAMPS

NOTE

- For Fixture/Luminaire Support of 50 lbs or less
- 600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Visit www.ul.com or QCIT Guide on page W1 for more information

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RDB-MC	-	2 - MKO, 4 - Loom	1 - 1/2"	50
4RDB-MC-FB	FB, 1/2"	1 - MKO, 4 - Loom	1 - 1/2"	25
*4RDB-MC-LB	LB, 1/2"	2 - MKO, 4 - Loom	1 - 1/2"	25



4" ROUND COVERS FLAT OR DRAWN

PRODUCT FEATURES

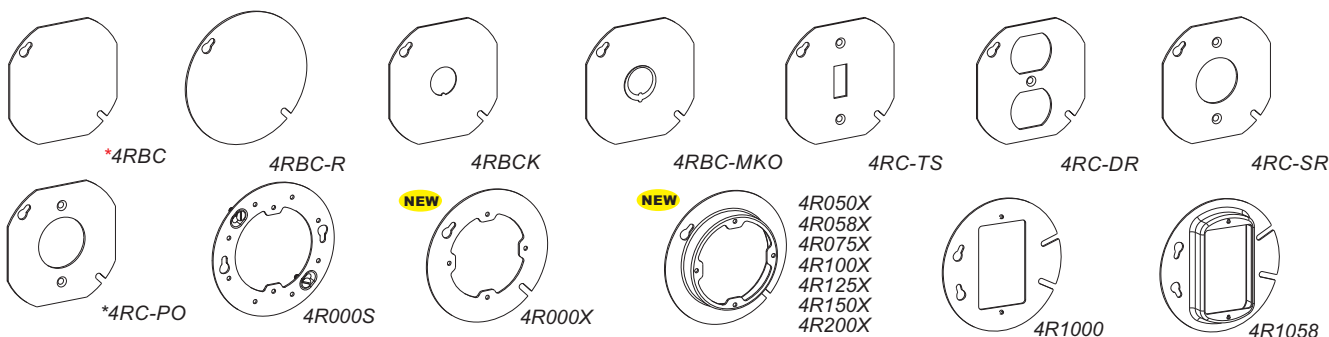
- ▶ For X covers, four dual-direction mounting tabs -install devices in any orientation

NOTE

- ▶ *Available in Durable Red Powder Coat Finish, see page A24



4R000S features holes for multi-directional mounting, resulting in a faster installation



Cat. No.	Description	Cu. Inch	Std. Pkg.
<i>For use with 40 boxes (page A3~4)</i>			
*4RBC	Flat, Blank (Octagonal)	-	50
4RBC-R	Flat, Blank (Round)	-	50
4RBCK	Flat, 1/2" KO (Octagonal)	-	50
4RBC-MKO	Flat, MKO (Octagonal)	-	50
4RC-TS	Flat, Toggle Switch (Octagonal)	-	50
4RC-DR	Flat, Duplex Receptacle (Octagonal)	-	50
4RC-SR	Flat, 1.4" Dia. Single Receptacle (Octagonal)	-	50
*4RC-PO	Flat, 1.6" Dia. Power Outlet (Octagonal)	-	50

For use with 4" concrete boxes (page A30)

4R000S	Flat, Open, Dual Dir. Ears 2-3/4" O.C. Universal Mounting	-	25
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For use with both 40 boxes (page A3~4) and 4" concrete boxes (page A30)

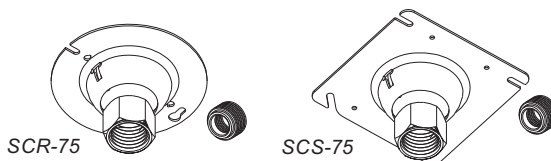
4R000X NEW	Flat, Open, Dual Dir. Ears 2-3/4" O.C.	-	50
4R050X NEW	Raised 1/2", Open, Dual Dir. Ears 2-3/4" O.C.	3.0	50
4R058X NEW	Raised 5/8", Open, Dual Dir. Ears 2-3/4" O.C.	4.0	50
4R075X NEW	Raised 3/4", Open, Dual Dir. Ears 2-3/4" O.C.	5.0	50
4R100X NEW	Raised 1", Open, Dual Dir. Ears 2-3/4" O.C.	6.8	25
4R125X NEW	Raised 1-1/4", Open, Dual Dir. Ears 2-3/4" O.C.	8.5	25
4R150X NEW	Raised 1-1/2", Open, Dual Dir. Ears 2-3/4" O.C.	9.7	25
4R200X NEW	Raised 2", Open, Dual Dir. Ears 2-3/4" O.C.	12.9	25
4R1000	Flat, 1-Gang Device Ring	-	50
4R1058	Raised 5/8", 1-Gang Device Ring	3.5	50

4" SWIVEL-TYPE COVER PLATES

PRODUCT FEATURES

- ▶ 20° Swivel Angle
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load (for more information see Section W)

Cat. No.	Description	Swivel Thread Size	Std. Pkg.
SCR-75	4" Round Swivel-Type Cover	3/4", 1/2" Reducing Bushing Included	25
SCS-75	4" Square Swivel-Type Cover	3/4", 1/2" Reducing Bushing Included	25



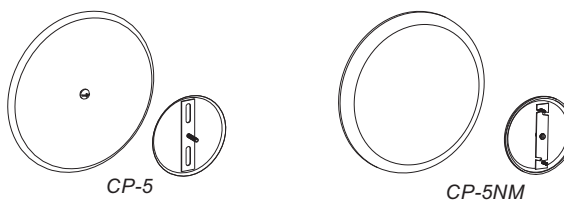
Install Swivel Covers Faster & Safer with Orbit's Easy Access Lighting Box (EALBS) on pg. P22

5" ROUND CLOSURE PLATES WITH UNIVERSAL-MOUNT STRAP

PRODUCT FEATURES

- ▶ For covering up to 4" Round and Octagonal Boxes

Cat. No.	Description	Color	Std. Pkg.
CP-5	Hard Aluminum 5" dia. Blank Cover Plate	White	50
CP-5NM	Non-metallic 5-3/8" dia. Blank Cover Plate	White	50



A6 | 4S Boxes

4" SQUARE (4S) SHALLOW BOX

DRAWN

1-1/4" DEEP

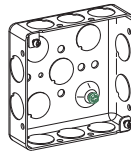
18.0 Cu. In.

WITH RAISED GROUND EMOSS & 10-32 GROUND SCREW

NOTE

- For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
D4SSB-50	10 - 1/2"	4 - 1/2"	50



D4SSB-50

4" SQUARE (4S) BOXES

DRAWN

1-1/2" DEEP

21.0 Cu. In.

WITH RAISED GROUND EMOSS & 10-32 GROUND SCREW

BOXES WITH PIGTAIL FEATURES

- 7" Solid Cu. #12AWG Pigtail Pre-assembled with Ground Emboss and 10-32 Ground Screw

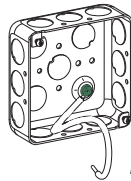
NOTE

- For Fixture/Luminaire Support of 50 lbs or less

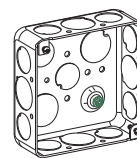
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
D4SB-50	-	12 - 1/2"	4 - 1/2"	50
D4SB-50-PT	-	12 - 1/2"	4 - 1/2"	50
D4SB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-75	-	8 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-CKO	-	8 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	50
*D4SB-50-FB	FB, Flush	9 - 1/2"	4 - 1/2"	24
*D4SB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SB-CKO-FB	FB, Flush	6 - 1/2", 3 - CKO	2 - 1/2", 2 - 3/4"	24



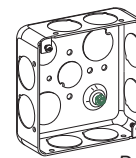
D4SB-50



D4SB-50-PT



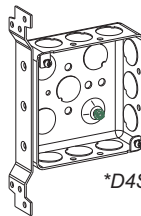
D4SB-50/75



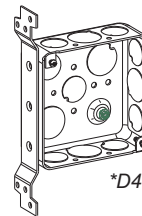
D4SB-75



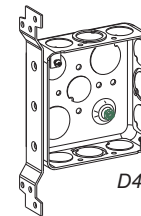
D4SB-CKO



*D4SB-50-FB



*D4SB-50/75-FB



D4SB-CKO-FB

4" SQUARE (4S) DEEP BOXES

DRAWN

2-1/8" DEEP

30.3 Cu. In.

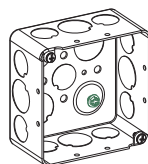
WITH RAISED GROUND EMOSS & 10-32 GROUND SCREW

NOTE

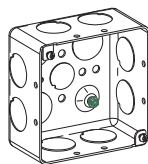
- For Fixture/Luminaire Support of 50 lbs or less

- 600V MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Acceptable for use in 2-hour rated walls
- Visit www.ul.com or QCIT Guide on page W1 for more information

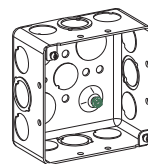
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
D4SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SDB-75	-	8 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SDB-CKO	-	8 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	24
D4SDB-CKO-FB	FB, Flush	6 - 1/2", 3 - CKO	2 - 1/2", 2 - 3/4"	24



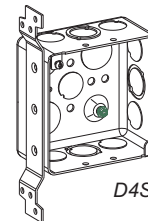
D4SDB-50/75



D4SDB-75



D4SDB-CKO



D4SDB-CKO-FB

4" SQUARE (4S) BOXES & EXTENSION RINGS

WELDED

1-1/2" DEEP

21.0 Cu. In.

WITH RAISED GROUND EMBOSS (EXCEPT FOR BRACKETED AND EXTENSION BOXES)

METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,043
- ▶ Metal Stud (MS) Bracket engages on either side of metal stud
- ▶ ****Model Revised Feb. 2008**

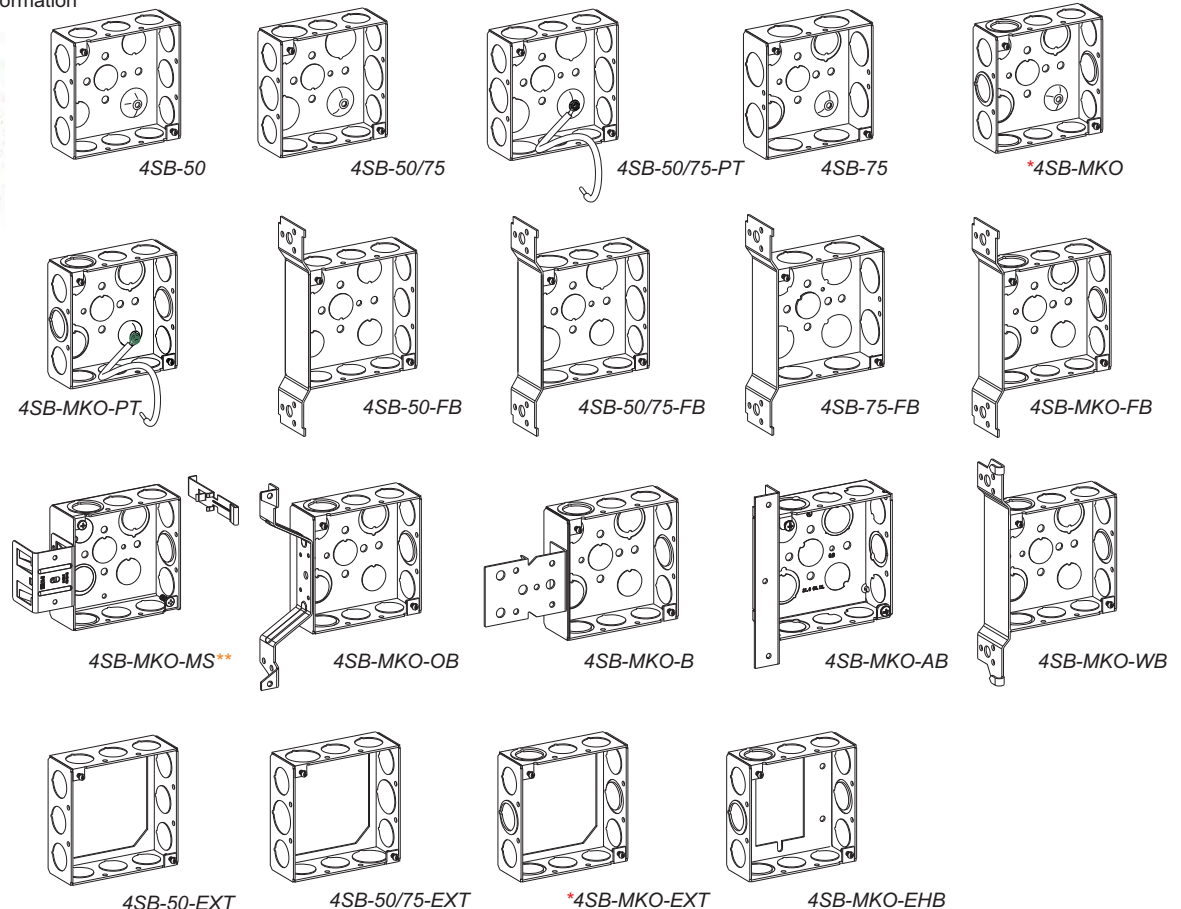
BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail Pre-assembled with Ground Emboss and 10-32 Ground Screw

NOTE

- ▶ *Available in Durable Red Powder Coat Finish (pg. A24)
- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 4SB-MKO-MS and 4SB-MKO-OB)
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-50	-	12 - 1/2"	4 - 1/2"	50
4SB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
4SB-50/75-PT	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
4SB-75	-	8 - 3/4"	2 - 1/2", 2 - MKO	50
*4SB-MKO	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
4SB-MKO-PT	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
4SB-50-FB	FB, Flush	9 - 1/2"	5 - 1/2"	24
4SB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
4SB-75-FB	FB, Flush	6 - 3/4"	1 - 1/2", 4 - 3/4"	24
4SB-MKO-FB	FB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-MS**	MS, Self-Gripping + Box Support Clip	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-OB	OB, 1-5/16"	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-B	B, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-AB	AB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-WB	WB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-50-EXT	-	12 - 1/2"	-	50
4SB-50/75-EXT	-	8 - 1/2", 4 - 3/4"	-	50
*4SB-MKO-EXT	-	8 - 1/2", 4 - MKO	-	50
4SB-MKO-EHB	Extension Ring to Handy Box	8 - 1/2", 4 - MKO	-	50



*While Supplies Last

4" SQUARE (4S) BOXES

WELDED

1-1/2" DEEP

21.0 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

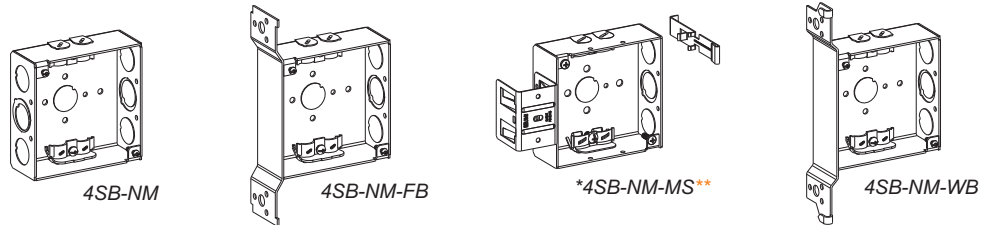
METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,043
Metal Stud (MS) Bracket engages on either side of metal stud
- **Model Revised Feb. 2008

NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 4SB-NM-MS)

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-NM	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	50
4SB-NM-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
*4SB-NM-MS**	MS, Self-Gripping + Box Support Clip	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-NM-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



4" SQUARE (4S) BOXES

WELDED

1-1/2" DEEP

21.0 Cu. In.

WITH METAL CLAD (BX/MC) CABLE CLAMPS

BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCI-A Type

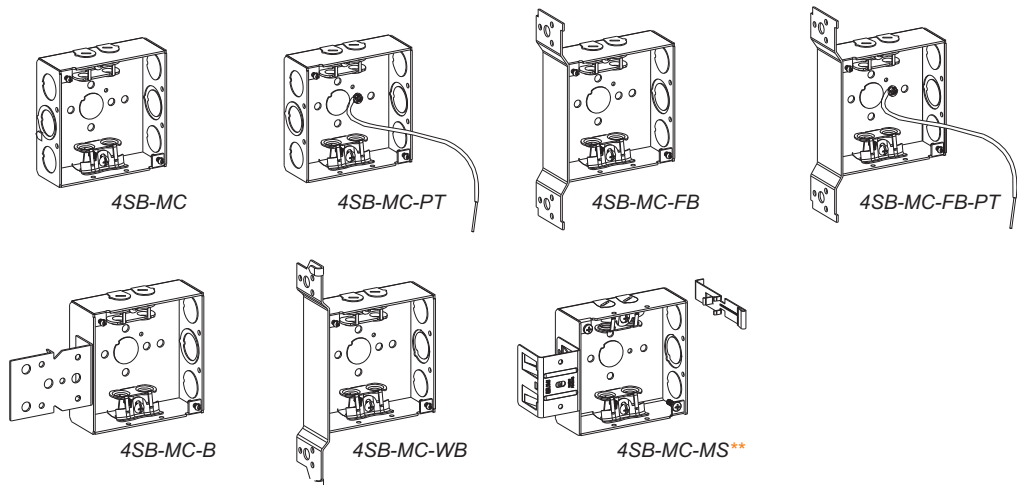
BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail Pre-assembled with Ground Emboss and 10-32 Ground Screw

NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 4SB-MC-MS)

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-MC	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	50
4SB-MC-PT	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	50
4SB-MC-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-FB-PT	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-MS**	MS + Box Support Clip	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4" SQUARE (4S) DEEP BOXES

WELDED

2-1/8" DEEP

30.3 Cu. In.

**WITH RAISED GROUND EMBOSS
(EXCEPT FOR BRACKETED BOXES)**

METAL STUD BRACKET FEATURES

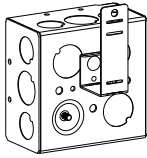
- ▶ U.S. Patent No.: 8,262,043 Metal Stud (MS) Bracket engages on either side of metal stud
- **Model Revised Feb. 2008

BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail pre-assembled with Ground Emboss and 10-32 Ground Screw
- ▶ 10" Pigtail for BSA Series, PT-10 and 4SDB-BP

BSA FEATURES

- ▶ Back Support Arm installed on this box provides support for studs up to 6" deep
- ▶ An excellent choice for pre-fab applications



Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-50	-	12 - 1/2"	4 - 1/2"	24
4SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
*4SDB-75	-	8 - 3/4"	2 - 1/2", 2 - MKO	24
4SDB-75/100	-	4 - 3/4", 4 - 1"	2 - 1/2", 2 - 3/4"	24
4SDB-100	-	8 - 1"	2 - 1/2", 2 - 3/4"	24
*4SDB-MKO	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT-10	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-50-FB	FB, Flush	9 - 1/2"	5 - 1/2"	24
4SDB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
4SDB-75-FB	FB, Flush	6 - 3/4"	1 - 1/2", 4 - 3/4"	24
4SDB-100-FB	FB, Flush	6 - 1"	3 - 1/2", 2 - 3/4"	24
*4SDB-MKO-FB	FB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SDB-MKO-MS**	MS, Self-Gripping + Box Support Clip	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SDB-MKO-WB	WB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SDB-MKO-PT-BSA	Back Support Arm	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24
4SDB-BP	Back Mounting Plate, see pg. P21 for more info.	8 - 1/2", 4 - MKO	-	24
4SDB-MKO-S NEW	-	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-EXT	-	8 - 1/2", 4 - MKO	-	24

4SDB-MKO-S FEATURES

- ▶ Back-center K.O. replaced with through hole eliminating need for washer or punching back-center K.O. when mounting boxes in suspended application.

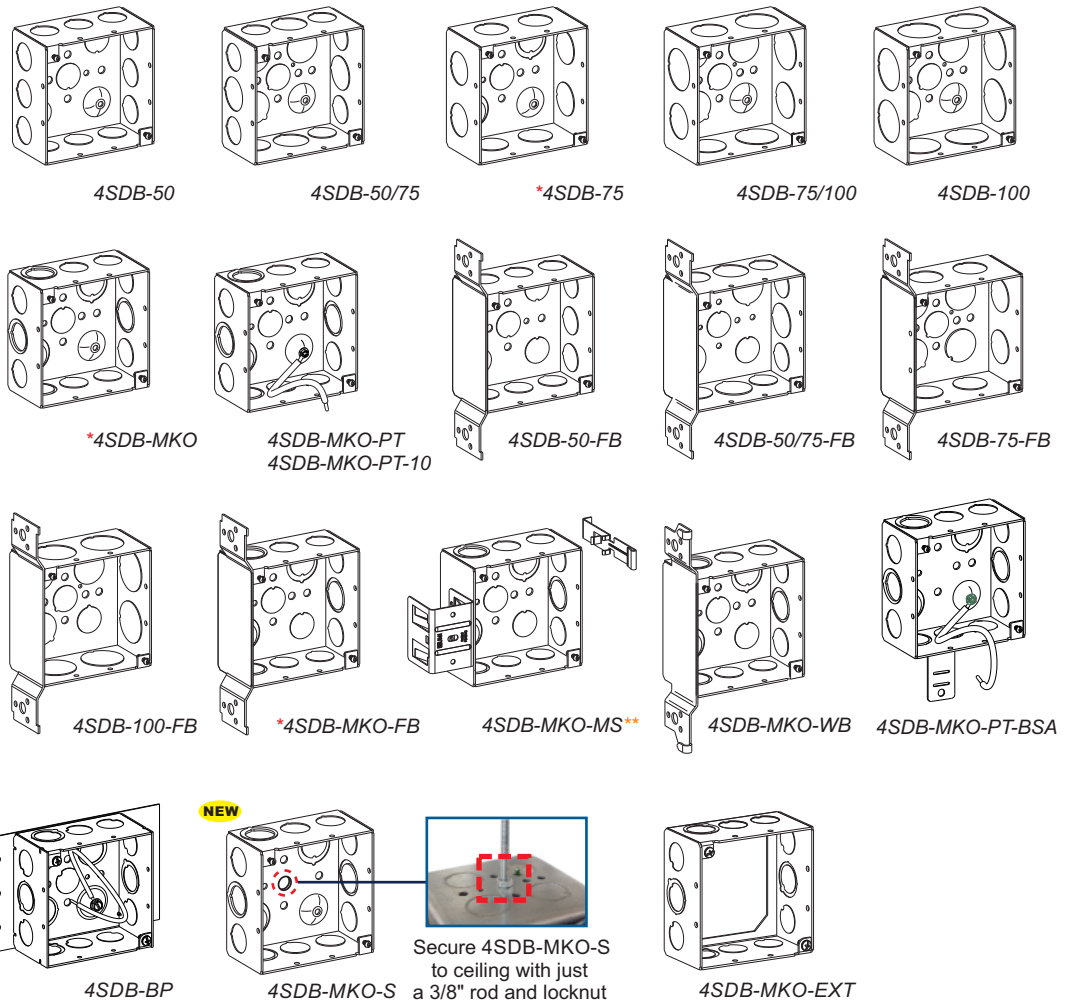
NOTE

- ▶ *Available in Durable Red Powder Coat Finish (pg. A24)
- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 4SDB-MKO-MS)

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



See pg. P7-8 for full line of Ready-To-Install assembled product



A10 | 4S Deep Boxes



4" SQUARE (4S) DEEP BOXES

WELDED

2-1/8" DEEP

30.3 Cu. In.

**WITH METAL CLAD (BX/MC)
CABLE CLAMPS**

BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCI-A Type

METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,043 Metal Stud (MS) Bracket engages on either side of metal stud

****Model Revised Feb. 2008**

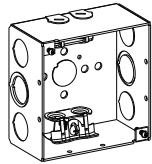
BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail pre-assembled with Ground Emboss and 10-32 Ground Screw
- ▶ 10" Pigtail for 4SDB-AMC-PT

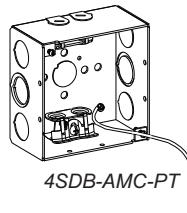
NOTE

- ▶ For Fixture/Luminaire Support of 50 lbs or less (Except 4SDB-MC-MS)

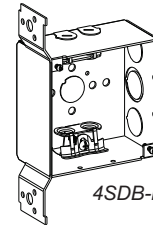
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-MC	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-AMC-PT	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-FB-PT	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-MS**	MS, Self-Gripping	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



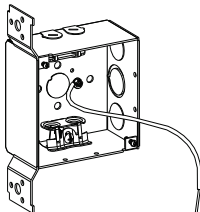
4SDB-MC



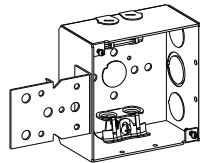
4SDB-AMC-PT



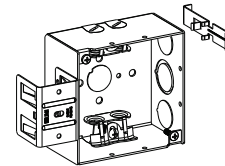
4SDB-MC-FB



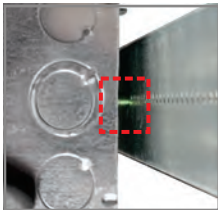
4SDB-MC-FB-PT



4SDB-MC-B



4SDB-MC-MS**

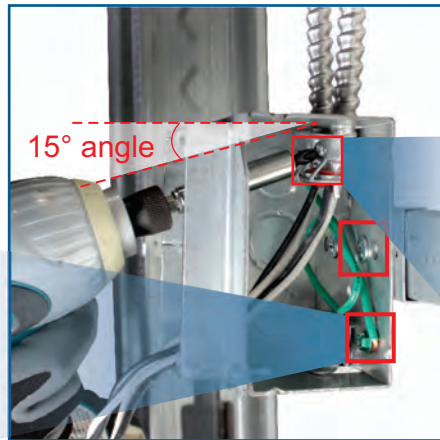


TRADITIONAL

Ground Screw Interference - does not mount directly to Box Brackets

4SDB-AMC-PT

Unique ground screw location allows fastening of box to any Adj. Box Bracket



15° angle



4SDB-AMC-PT

MC Clamp screws set at a 15° angle, allowing MC cable to be secured with the mud ring still on!

Cut-away side view

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4" SQUARE (4S) DEEP BOXES

WELDED
2-1/8" DEEP

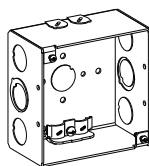
30.3 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

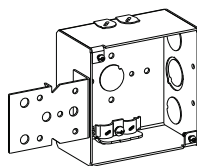
NOTE

- For Fixture/Luminaire Support of 50 lbs or less

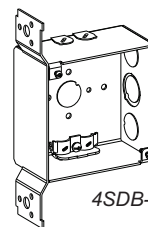
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-NM	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
*4SDB-NM-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-NM-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
*4SDB-NM-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



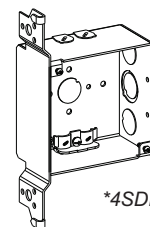
4SDB-NM



*4SDB-NM-B



4SDB-NM-FB



*4SDB-NM-WB

4" SQUARE (4S) EXTRA DEEP BOXES

WELDED
3-1/2" DEEP

46.0 Cu. In.

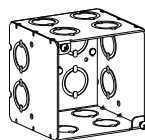
PRODUCT FEATURES

- Durable Red Powder Coat Finish for FA Series
- UMAB & UMIAB's mount direct-to-stud or used with the SSB-T5 or SSB-TBAR for between stud or ceiling installation (see pg. P1 for more info.)
- UMAB's depth adjusted via screws outside of the box
- UMIAB's depth adjusted via screws inside the box

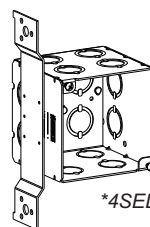
NOTE

- For Fixture/Luminaire Support of 50 lbs or less (except UMAB's & UMIAB's)

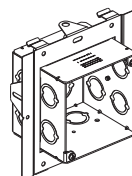
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SEDB-CKO	-	12 - CKO	4 - CKO	24
FA-4SEDB-CKO	-	12 - CKO	4 - CKO	24
*4SEDB-CKO-FB	FB, 1/2" thru 1-1/4"	10 - CKO	4 - CKO	10
*FA-4SEDB-CKO-FB	FB, 1/2" thru 1-1/4"	10 - CKO	4 - CKO	10
UMAB	Stud-mount, adjustable 0" to 1-1/2"	12 - CKO	4 - CKO	10
FA-UMAB	Stud-mount, adjustable 0" to 1-1/2"	12 - CKO	4 - CKO	10
UMIAB-35 NEW	Stud-mount, adjustable 1/2" to 1-1/2"	12 - CKO	4 - CKO	10
FA-UMIAB-35 NEW	Stud-mount, adjustable 1/2" to 1-1/2"	12 - CKO	4 - CKO	10



4SEDB-CKO



*4SEDB-CKO-FB



UMAB



UMIAB-35



FA-4SEDB-CKO



*FA-4SEDB-CKO-FB



FA-UMAB



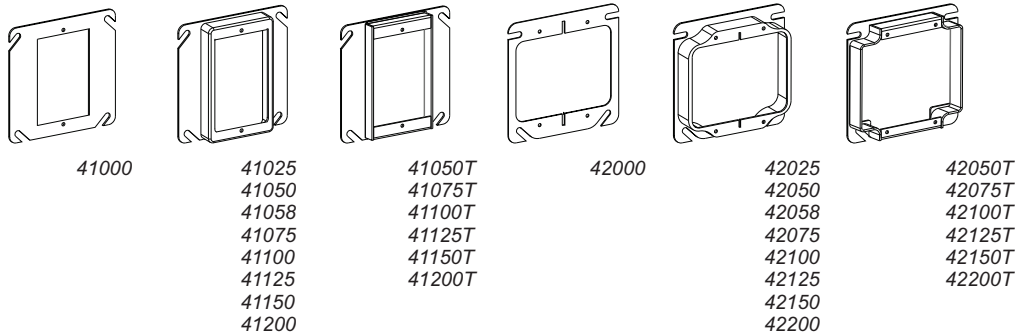
FA-UMIAB-35

- 600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Acceptable for use in 2-hour rated walls
- Visit www.ul.com or QCIT Guide on page W1 for more information

A12 | 4S Covers & Rings

4" SQUARE (4S) 1-GANG & 2-GANG DEVICE RINGS FLAT, DRAWN & TILE (T)

Drawn Cat. No.	Tile Cat. No.	Description	Gangs	Cu. In.	Std. Pkg.
41000	-	Flat	1	-	50
41025	-	Raised 1/4"	1	1.8	50
41050	41050T	Raised 1/2"	1	3.8	50
41058	-	Raised 5/8"	1	4.3	50
41075	41075T	Raised 3/4"	1	5.5	50
41100	41100T	Raised 1"	1	7.5	25
41125	41125T	Raised 1-1/4"	1	9.4	25
41150	41150T	Raised 1-1/2"	1	11.2	25
41200	41200T	Raised 2"	1	14.4	25
42000	-	Flat	2	-	50
42025	-	Raised 1/4"	2	3.0	50
42050	42050T	Raised 1/2"	2	5.8	50
42058	-	Raised 5/8"	2	7.5	50
42075	42075T	Raised 3/4"	2	8.8	50
42100	42100T	Raised 1"	2	11.8	25
42125	42125T	Raised 1-1/4"	2	14.5	25
42150	42150T	Raised 1-1/2"	2	15.5	25
42200	42200T	Raised 2"	2	20.7	25



4" SQUARE (4S) COVERS FLAT OR DRAWN

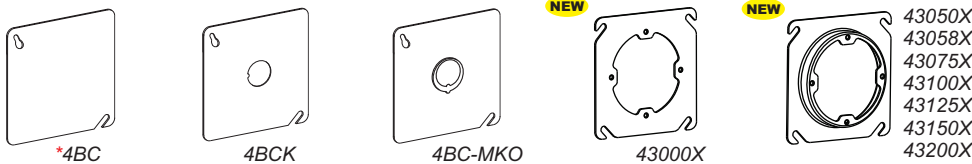
PRODUCT FEATURES

- ▶ For X covers, four dual-direction mounting tabs -install devices in any orientation

NOTE

- ▶ *Available in Durable Red Powder Coat Finish (pg. A24)

Cat. No.	Description	Cu. In.	Std. Pkg.
*4BC	Flat, Blank	-	50
4BCK	Flat, 1/2" KO	-	50
4BC-MKO	Flat, MKO	-	50
43000X NEW	Flat, Open, Dual Dir. Ears 2-3/4" O.C.	-	50
43050X NEW	Raised 1/2", Open, Dual Dir. Ears 2-3/4" O.C.	3.0	50
43058X NEW	Raised 5/8", Open, Dual Dir. Ears 2-3/4" O.C.	4.0	50
43075X NEW	Raised 3/4", Open, Dual Dir. Ears 2-3/4" O.C.	5.0	50
43100X NEW	Raised 1", Open, Dual Dir. Ears 2-3/4" O.C.	6.8	25
43125X NEW	Raised 1-1/4", Open, Dual Dir. Ears 2-3/4" O.C.	8.5	25
43150X NEW	Raised 1-1/2", Open, Dual Dir. Ears 2-3/4" O.C.	9.7	25
43200X NEW	Raised 2", Open, Dual Dir. Ears 2-3/4" O.C.	12.9	25



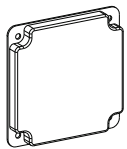
**DUAL-DIRECTION
FIXTURE RINGS**
Orbit's New Standard

**4" SQUARE (4S)
INDUSTRIAL COVERS
RAISED 1/2"**

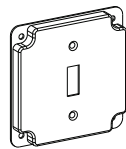
7.0 Cu. In.

**WITH CRUSHED CORNERS
(Except for 4414, 4424, 4444)**

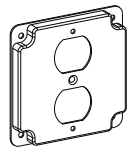
Cat. No.	Description	Std. Pkg.
4400	Blank	50
4401	Toggle Switch	50
4402	Duplex Receptacle	50
4403	Single Receptacle, 15A, 1.406" diameter	50
4404	GFCI or Decorative Switch	50
4405	Power Outlet, 20A, 1.60" diameter	50
4406	Power Outlet, 30A Locking, 1.750" diameter	50
4407	Power Outlet, 40 to 50A, 2.155" diameter	50
4408	Power Outlet, 30 to 60A, 2.625" diameter	50
*4409	Power Outlet, 40 to 50A, 2.155" diameter, off-centered	50
4411	2 Toggle Switches	50
4412	Toggle Switch / Duplex	50
4413	Toggle Switch / Single Receptacle, 1.406" diameter	50
4414C	Toggle Switch / GFCI	50
4414	Toggle Switch / GFCI	50
4422	2 Duplex Receptacles	50
4423	Duplex / Single Receptacle, 1.406" diameter	50
4424C	Duplex / GFCI	50
4424	Duplex / GFCI	50
4433	2 Single Receptacles, 1.406" diameter each	50
4444C	2 GFCIs or 2 Decorative Switches	50
4444	2 GFCIs or 2 Decorative Switches	50



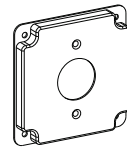
4400



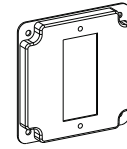
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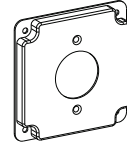
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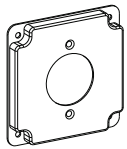
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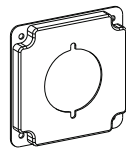
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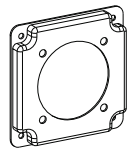
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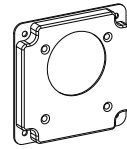
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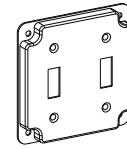
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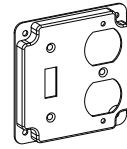
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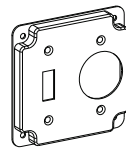
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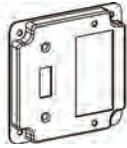
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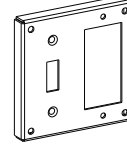
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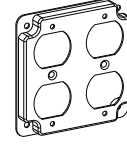
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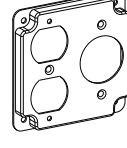
4414C



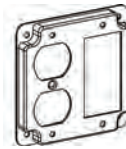
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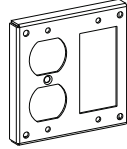
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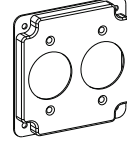
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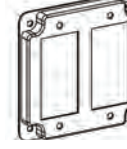
4424C



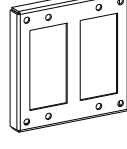
4424



4433



4444C



4444



*While Supplies Last

A14 | 4S Adjustable Rings

4" SQUARE (4S) ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ For use with 4" square 2-1/8" or deeper boxes
- ▶ 1/4" to 1-1/4" adjustability range, deeper with addition of extensions
- ▶ Rings achieve a flush finish every time
- ▶ Compatible with exclusive extensions for infinite wall depths

U.S. PATENT NO.:

7,468,486



Video Available On Our Website!

STUD MOUNTING ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Accepts 4" or 4-11/16" square boxes in line voltage applications
- ▶ Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Simple Support Bracket (pg. P1) or Ultimate Support Bracket (pg. P11)
- ▶ Can be used standalone for low voltage communications applications

U.S. PATENT NO.:

7,468,486

EXTENSIONS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Extensions ensure flush finish regardless of wall thickness
- ▶ Attach to SAR & WBAR model adjustable rings for additional 3/4" of depth
- ▶ Mount easily to ring with two 8-32 screws
- ▶ Multiple extensions can be installed on one ring
- ▶ UPC-12MA features domed cover for protecting Toggle & Decora™ -style switches
- ▶ UPC-12MA fits 1 Gang, 2 Gang, Multigang, & Adj. Rings

U.S. PATENT NO.:

7,468,486

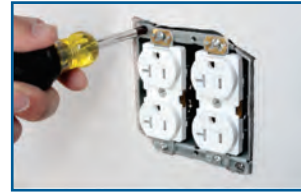
Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
4SAR1G	1-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
4SAR2G	2-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25



4SAR1G



4SAR2G



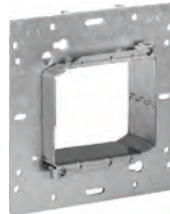
ACCESSIBLE ADJUSTABILITY

Corner screws are easily accessible for adjustment before and after the device has been installed

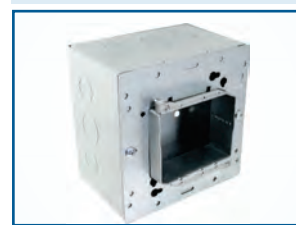
Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
WBAR1G	1-Gang Universal Box Bracket	1/4" to 1-1/4"	1" to 2"	-	25
WBAR2G	2-Gang Universal Box Bracket	1/4" to 1-1/4"	-	1" to 2"	25



WBAR1G



WBAR2G



WBAR on the 6" x 6" NEMA Enclosure

Cat. No.	Description	For Use With	Std. Pkg.
1GX75	1-Gang 3/4" Extension	4SAR1G, 5SAR1G, or WBAR1G Only	50
2GX75	2-Gang 3/4" Extension	4SAR2G, 5SAR2G, or WBAR2G Only	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering		25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch		25
UPC-12MA NEW	Gangable, Steel Universal Protective Cover, fits 1G, 2G, Multigang & Adj. Rings		50



1GX75



2GX75



UPC

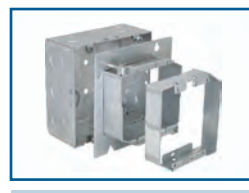


UPCTS

NEW



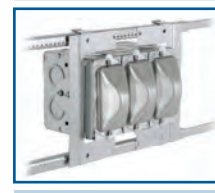
UPC-12MA



*SAR2G & 2GX75 Exploded View



Complete UPC Assembly Shown Installed with Toggle Switch



Multiple UPC-12MA shown installed on SSB-MB3 - Domed cover ideal for protecting Toggle Switch and other devices

UL-APPROVED ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite achieve a flush finish every time
- ▶ Captive screw ensures fast and convenient adjustment
- ▶ Design provides strong electrical and mechanical connections to meet UL requirements
- ▶ *For Fixture/Luminaire Support of 50 lbs or less

Cat. No.	Description	Adjustability Range	Std. Pkg.
4AR1G-58	1-Gang Adjustable Ring for 4" Square Boxes	5/8" to 1-1/4"	25
4AR1G-34	1-Gang Adjustable Ring for 4" Square Boxes	3/4" to 1-1/2"	25
4AR2G-58	2-Gang Adjustable Ring for 4" Square Boxes	5/8" to 1-1/2"	25
5AR1G-58	1-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/4"	25
5AR1G-34 NEW	1-Gang Adjustable Ring for 4-11/16" Square Boxes	3/4" to 1-1/2"	25
5AR2G-58	2-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/2"	25
*4ARR-34	Round Adjustable Ring for 4" Square Boxes	3/4" to 1-1/2"	25
3GAR-34	3-Gang Adjustable Ring	3/4" to 1-1/2"	25



4AR1G-58
4AR1G-34



4AR2G-58



5AR1G-58
5AR1G-34 **NEW**



5AR2G-58

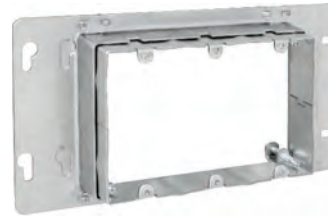


ACCESSIBLE ADJUSTABILITY

Screws are easily accessible for adjustment before and after the device has been installed



*4ARR-34



3GAR-34



See SSB-MB Series on pg. P2 for 3-6 Gang Adjustable Boxes

4" SQUARE (4S) BOXES LOW-VOLTAGE PARTITIONS

NOTE

- ▶ Not compatible with Adj. Rings

Cat. No.	Description	For Use with 2-Gang Rings:	Std. Pkg.
4SP-100	For Use With 1-1/2" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
4SP-200	For Use With 1-1/2" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25
4SDP-100	For Use With 2-1/8" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
4SDP-200	For Use With 2-1/8" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25



4SP-100



4SP-200



4SDP-100



4SDP-200

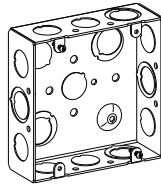


**4-11/16" SQUARE (5S)
SHALLOW BOX &
EXTENSION RING
WELDED
1-1/2" DEEP**

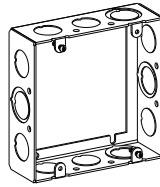
29.5 Cu. In.

**WITH RAISED GROUND EMBOSS
(EXCEPT FOR EXTENSION RING)**

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
5SSB-MKO	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
5SSB-MKO-EXT	8 - 1/2", 4 - MKO	-	24



5SSB-MKO



5SSB-MKO-EXT

**4-11/16" SQUARE (5S)
BOXES
DRAWN
2-1/8" DEEP**

42.0 Cu. In.

**WITH RAISED GROUND EMBOSS
& 10-32 GROUND SCREW**

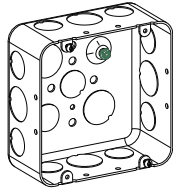
PRODUCT FEATURES

- ▶ Back-center KO on D5SDB-CKO-S is replaced with a 0.27" diameter hole for use of 1/4" making for fast and efficient installation

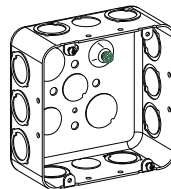
BOXES WITH PIGTAIL FEATURES

- ▶ 10" Pigtail for D5SDB-CKO-PT-10

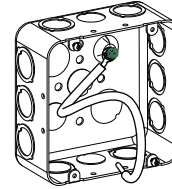
Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
D5SDB-50/75	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
D5SDB-CKO	2 - 1/2", 10 - CKO	2 - 1/2", 2 - 3/4"	24
*D5SDB-CKO-PT-10	2 - 1/2", 10 - CKO	2 - 1/2", 2 - 3/4"	24
D5SDB-CKO-S	2 - 1/2", 10 - CKO	3 - 3/4"	24



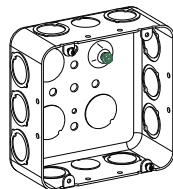
D5SDB-50/75



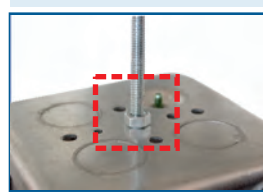
D5SDB-CKO



*D5SDB-CKO-PT-10



D5SDB-CKO-S



Secure D5SDB-CKO-S to ceiling with just a 1/4" rod and locknut



- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4-11/16" SQUARE (5S) BOXES

WELDED

2-1/8" DEEP

42.0 Cu. In.

WITH RAISED GROUND EMBOSS (EXCEPT FOR BRACKETED BOXES AND EXTENSION RINGS)

BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail Pre-assembled with Ground Emboss and 10-32 Ground Screw
- ▶ 10" Pigtail for BSA Series, PT-10 & A-PT

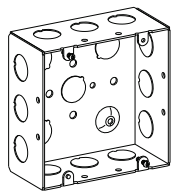
BSA FEATURES

- ▶ See pg. A9

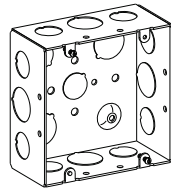
NOTE

- ▶ *Available in Durable Red Powder Coat Finish, see pg. A24
- ▶ 5S boxes with FB bracket are certified for Fixture/Luminaire Support of 50 lbs or less
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

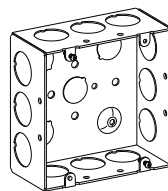
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
5SDB-50	-	12 - 1/2"	4 - 1/2"	24
5SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
5SDB-75	-	12 - 3/4"	2 - 1/2", 2 - 3/4"	24
5SDB-75/100	-	4 - 3/4", 4 - 1"	2 - 1/2", 2 - 3/4"	24
5SDB-100	-	8 - 1"	2 - 1/2", 2 - 3/4"	24
5SDB-125	-	6 - 1-1/4"	2 - 1/2", 2 - 3/4"	24
*5SDB-MKO	-	2 - 1/2", 10 - MKO	2 - 1/2", 2 - 3/4"	24
5SDB-MKO-PT	-	2 - 1/2", 10 - MKO	2 - 1/2", 2 - 3/4"	24
5SDB-MKO-PT-10	-	2 - 1/2", 10 - MKO	2 - 1/2", 2 - 3/4"	24
5SDB-MKO-A-PT	-	12 - MKO	1 - 1/2", 3 - MKO	24
5SDB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
5SDB-75/100-FB	FB, Flush	3 - 3/4", 3 - 1"	3 - 1/2", 2 - 3/4"	24
5SDB-100-FB	FB, Flush	6 - 1"	3 - 1/2", 2 - 3/4"	24
5SDB-MKO-FB	FB, Flush	2 - 1/2", 7 - MKO	3 - 1/2", 2 - 3/4"	24
5SDB-50/75-EXT	-	8 - 1/2", 4 - 3/4"	-	24
5SDB-MKO-EXT	-	2 - 1/2", 10 - MKO	-	24
*5SDB-50/75-PT-BSA	Back Support Arm	8 - 1/2", 4 - 3/4"	3 - 3/4"	24
*5SDB-50/75-AB-PT-BSA	AB, Flush, Back Support Arm	6 - 1/2", 3 - 3/4"	3 - 3/4"	24



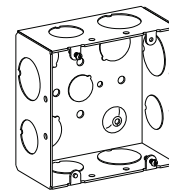
5SDB-50



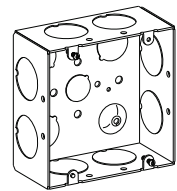
5SDB-50/75



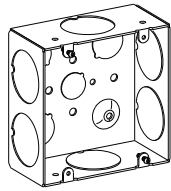
5SDB-75



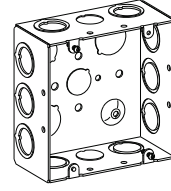
5SDB-75/100



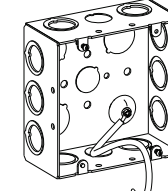
5SDB-100



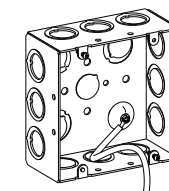
5SDB-125



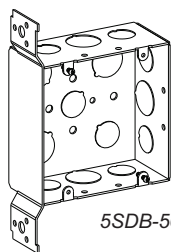
*5SDB-MKO



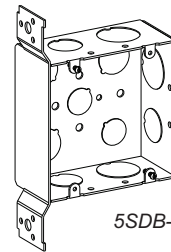
5SDB-MKO-PT
5SDB-MKO-PT-10



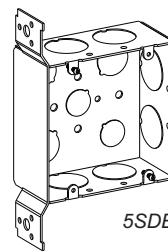
5SDB-MKO-A-PT



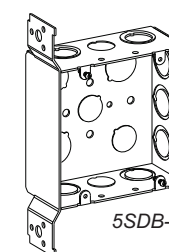
5SDB-50/75-FB



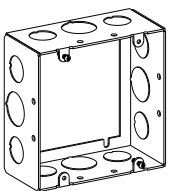
5SDB-75/100-FB



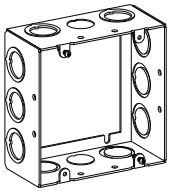
5SDB-100-FB



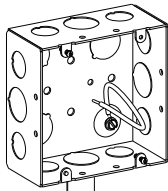
5SDB-MKO-FB



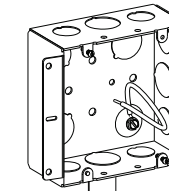
5SDB-50/75-EXT



5SDB-MKO-EXT



*5SDB-50/75-PT-BSA



*5SDB-50/75-AB-PT-BSA



*While Supplies Last

A18 | 5S Deep Boxes & Covers

4-11/16" SQUARE (5S) BOXES

WELDED

2-1/8" DEEP

42.0 Cu. In.

BX/MC CLAMP

- ▶ All MC series boxes are suitable for use with MCI-A Type

METAL STUD BRACKET

- ▶ U.S. Patent No.: 8,262,043 Metal Stud (MS) Bracket Engages On Either Side Of A Metal Stud

****Model Revised Feb. 2008**

NOTE

- ▶ 5SDB-MC-FB is certified for Fixture/ Luminaire Support of 50 lbs or less

4-11/16" SQUARE (5S) LARGE CAPACITY BOX

WELDED

2-1/2" DEEP

49.4 Cu. In.

WITH RAISED GROUND EMBOSS & TWO #8-32 x 1/2" MOUNTING SCREWS

PRODUCT FEATURES

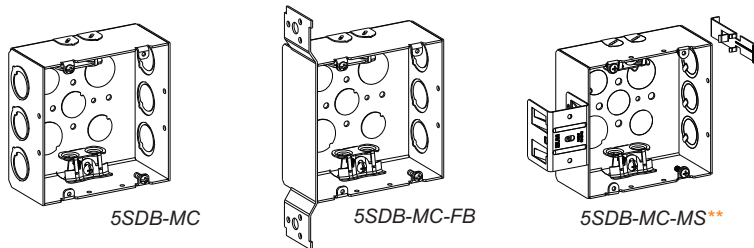
- ▶ Ideal for use with SSB System when 1-1/4" K.O required (see pg. P1 for SSB info.)
- ▶ Suitable for Datacom & Electrical Applications
- ▶ Durable Blue Powder Coat Finish for B-5SLB

4-11/16" SQUARE (5S) 1-GANG & 2-GANG

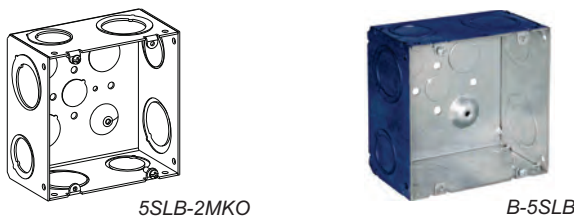
DEVICE RINGS

FLAT, DRAWN

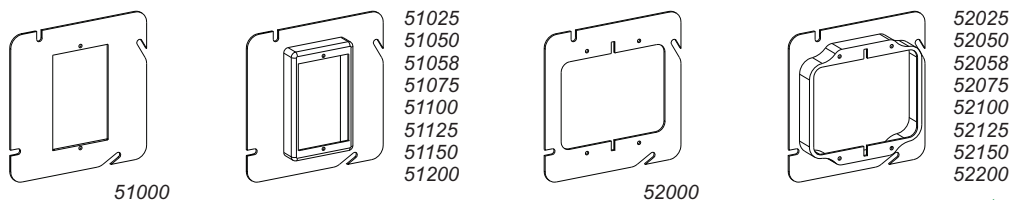
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
5SDB-MC	-	6 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC-FB	FB, Flush	3 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC-MS**	MS, Self-Gripping + Box Support Clip	3 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24



Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
5SLB-2MKO	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24
B-5SLB	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24



Cat. No.	Description	Gangs	Cu. Inch	Std. Pkg.
51000	Flat	1	-	50
51025	Raised 1/4"	1	1.8	50
51050	Raised 1/2"	1	3.8	50
51058	Raised 5/8"	1	4.3	50
51075	Raised 3/4"	1	5.5	50
51100	Raised 1"	1	7.5	25
51125	Raised 1-1/4"	1	9.4	25
51150	Raised 1-1/2"	1	11.2	25
51200	Raised 2"	1	14.4	25
52000	Flat	2	-	50
52025	Raised 1/4"	2	3.0	50
52050	Raised 1/2"	2	5.8	50
52058	Raised 5/8"	2	7.5	50
52075	Raised 3/4"	2	8.8	50
52100	Raised 1"	2	11.8	25
52125	Raised 1-1/4"	2	14.5	25
52150	Raised 1-1/2"	2	15.5	25
52200	Raised 2"	2	20.7	25



- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4-11/16" SQUARE (5S) COVERS

FLAT OR DRAWN

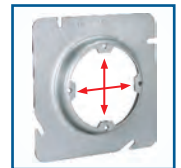
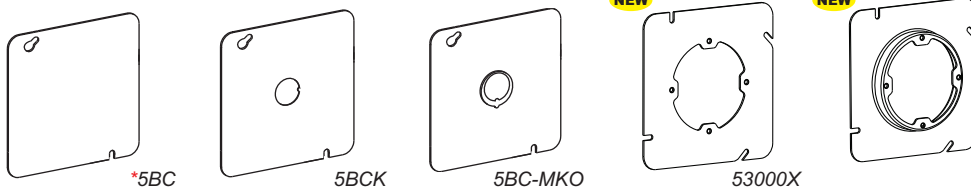
PRODUCT FEATURES

- For X covers, four dual-direction mounting tabs -install devices in any orientation

NOTE

- *Available in Durable Blue or Red Powder Coat Finish, see pg. A23 or A24

Cat. No.	Description	Cu. Inch	Std. Pkg.
*5BC	Flat, Blank	-	50
5BCK	Flat, 1/2" KO	-	50
5BC-MKO	Flat, MKO	-	50
53000X NEW	Flat, Open, Dual Dir. Ears 2-3/4" O.C.	-	50
53050X NEW	Raised 1/2", Open, Dual Dir. Ears 2-3/4" O.C.	3.0	50
53058X NEW	Raised 5/8", Open, Dual Dir. Ears 2-3/4" O.C.	4.0	50
53075X NEW	Raised 3/4", Open, Dual Dir. Ears 2-3/4" O.C.	5.0	50
53100X NEW	Raised 1", Open, Dual Dir. Ears 2-3/4" O.C.	6.8	25
53125X NEW	Raised 1-1/4", Open, Dual Dir. Ears 2-3/4" O.C.	8.5	25
53150X NEW	Raised 1-1/2", Open, Dual Dir. Ears 2-3/4" O.C.	9.7	25
53200X NEW	Raised 2", Open, Dual Dir. Ears 2-3/4" O.C.	12.9	25



53050X
53058X
53075X
53100X
53125X
53150X
53200X

DUAL-DIRECTION FIXTURE RINGS

Orbit's New Standard

UNIVERSAL 4" & 4-11/16" SQUARE TO 40 FIXTURE RING DRAWN

PRODUCT FEATURES

- Mounts to 4" or 4-11/16" square boxes
- 4" octagon opening (3-1/2" O.C.)
- Four dual-direction mounting tabs with #8-32 threads
- Increase box fill volume by 95% versus deep 40 boxes
- Ideal for light fixtures, sensors, LED drivers, and other 40 devices
- For fixture/luminaire support of 50 lbs. or less
- 16 GA Sheet Steel

Cat. No.	Ring Depth	Cu. Inch	Std. Pkg.
54058X NEW	Raised 5/8"	7.5	50
54075X NEW	Raised 3/4"	8.8	50
54100X NEW	Raised 1"	11.8	50
54125X NEW	Raised 1-1/4"	14.5	50



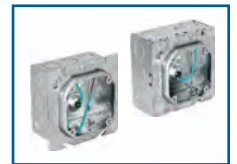
54058X
54075X
54100X
54125X



540X Series mounted on 4-11/16" Sq. Box between T-bar ceilings with SSB-TBAR



540X Series installed on 4SDB-MKO-FB mounted to ceiling joist



Fits 4" & 4-11/16" Square Boxes

EC&M
Product of the Year
2023 Category Winner

PATENTED

4-11/16" SQUARE (5S) BOXES LOW-VOLTAGE PARTITIONS

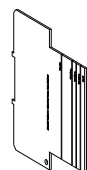
NOTE

- Not compatible with Adj. Rings

Cat. No.	Description	For Use with 2-Gang Rings:	Std. Pkg.
5SDP-100	For use with 2-1/8" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
5SDP-200	For use with 2-1/8" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25
5SLP-100	For use with 2-1/2" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
5SLP-200	For use with 2-1/2" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25



5SDP-100



5SDP-200



5SLP-100



5SLP-200



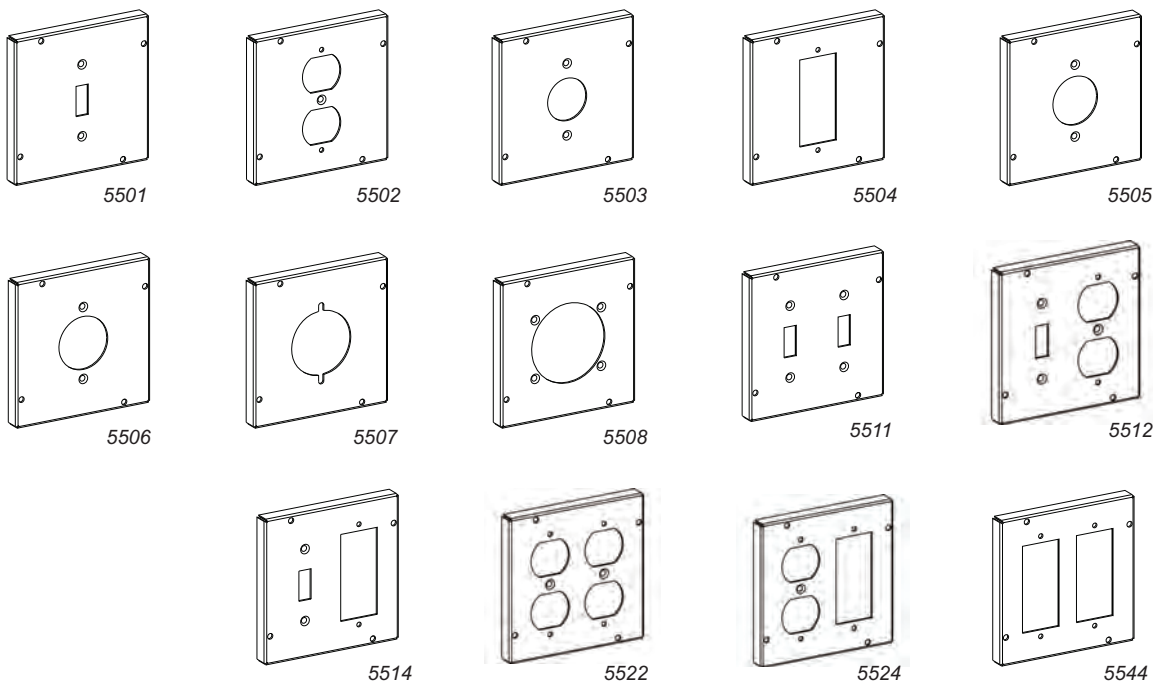
A20 | 5S Covers & Adjustable Rings



4-11/16" SQUARE (5S) INDUSTRIAL COVERS RAISED 1/2" 10 Cu. In.



Cat. No.	Description	Std. Pkg.
5501	Toggle Switch	25
5502	Duplex Receptacle	25
5503	Single Receptacle, 15A, 1.406" diameter	25
5504	GFCI or Decorative Switches	25
5505	Power Outlet, 20A, 1.60" diameter	25
5506	Power Outlet, 30A Locking, 1.750" diameter	25
5507	Power Outlet, 30 to 50A, 2.156" diameter	25
5508	Power Outlet, 30 to 60A, 2.625" diameter	25
5511	2 Toggle Switches	25
5512	Toggle Switch / Duplex Receptacle	25
5514	Toggle Switch / GFCI or Decorative Switches	25
5522	2 Duplex Receptacles	25
5524	Duplex Receptacle / GFCI or Decorative Switches	25
5544	2 GFCIs or 2 Decorative Switches	25



UL-APPROVED 4-11/16" SQUARE (5S) ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ Adjusts to achieve a flush finish every time
- ▶ Patented design provides strong electrical and mechanical connections to meet UL requirements

Cat. No.	Description	Adjustability Range	Std. Pkg.
5AR1G-58	1-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/4"	25
5AR1G-34 NEW	1-Gang Adjustable Ring for 4-11/16" Square Boxes	3/4" to 1-1/2"	25
5AR2G-58	2-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/2"	25



5AR1G-58
5AR1G-34 **NEW**



5AR2G-58



ACCESSIBLE ADJUSTABILITY

Screws are easily accessible for adjustment before and after the device has been installed

4-11/16" SQUARE (5S) ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ For use with 4-11/16" Square (5S) 2-1/8" or deeper boxes
- ▶ 1/4" to 1-1/4" adjustability range
- ▶ Rings achieve a flush finish every time
- ▶ Compatible with exclusive extensions for infinite wall depths

U.S. PATENT NO.:

7,468,486

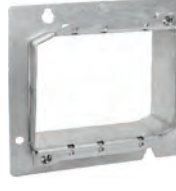


Video Available On Our Website!

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
5SAR1G	1-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
5SAR2G	2-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25



5SAR1G



5SAR2G



ACCESSIBLE ADJUSTABILITY

Corner screws are easily accessible for adjustment before and after the device has been installed

STUD MOUNTING ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Accepts 4" or 4-11/16" square boxes in line voltage applications
- ▶ Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Simple Support Bracket (pg. P1) or Ultimate Support Bracket (pg. P11)
- ▶ Can be used standalone for low voltage communications applications

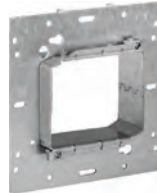
U.S. PATENT NO.:

7,468,486

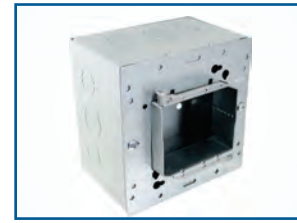
Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
WBAR1G	1-Gang Universal Box Bracket	1/4" to 1-1/4"	1" to 2"	-	25
WBAR2G	2-Gang Universal Box Bracket	1/4" to 1-1/4"	-	1" to 2"	25



WBAR1G



WBAR2G



WBAR on the 6" x 6" NEMA Enclosure

EXTENSIONS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Extensions ensure flush finish regardless of wall thickness
- ▶ Attach to adjustable ring for additional 3/4" of depth
- ▶ Mount easily to ring with two 8-32 screws
- ▶ Multiple extensions can be installed on one ring
- ▶ UPC-12MA features domed cover for protecting Toggle & Decora™ -style switches
- ▶ UPC-12MA fits 1 Gang, 2 Gang, Multigang, & Adj. Rings

U.S. PATENT NO.:

7,468,486

Cat. No.	Description	For Use With	Std. Pkg.
1GX75	1-Gang 3/4" Extension	4SAR1G, 5SAR1G, or WBAR1G Only	50
2GX75	2-Gang 3/4" Extension	4SAR2G, 5SAR2G, or WBAR2G Only	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering		25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch		25
UPC-12MA NEW	Gangable, Steel Universal Protective Cover, fits 1G, 2G, Multigang & Adj. Rings		50



1GX75



2GX75



UPC



UPCTS



UPC-12MA



Exploded View



Complete UPC Assembly Shown Installed with Toggle Switch



Multiple UPC-12MA shown installed on SSB-MB3 - Domed cover ideal for protecting Toggle Switch and other devices



A22 | True 5" Boxes & Accessories

TRUE 5" SQUARE BOXES

WELDED
3-1/4" DEEP

71.8 Cu. In.

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ More than double capacity compared to 4" square boxes
- ▶ Extra space easily meets minimum bend radius for easier installations
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Supports all current copper CAT and fiber optic cables as well as predicted increases
- ▶ Use T5R or any Orbit 5" Sq. Box Mounting brackets to use 4" rings on 5" boxes

NOTE

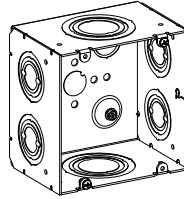
- ▶ *Available in Durable Blue Powder Coat Finish, see pg. A23

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
*T5B-200	True 5" Square Box	2 - 1" to 2" CKO 4 - 1/2" to 1-1/4" CKO	1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO 1 - 1/2" KO & Two Ground Screws On Bottom	10
T5B-50/200	True 5" Square Box, 1/2" KO & 2" MKO	8 - 1/2" 2 - 1" to 2" CKO 4 - 1/2" & 3/4" CKO	1 - 1/2" 1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO	10

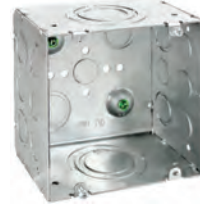
 **Video Available On Our Website!**



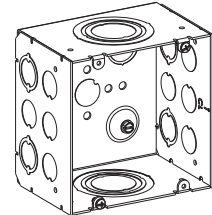
*T5B-200



T5B-200
5" x 5" x 3-1/4"



T5B-50/200



T5B-50/200
5" x 5" x 3-1/4"

INSTALLATION

Brackets allow for 4" ring compatibility!



Stud Mount with UMA-LVBS

Mount 4" Rings on 5" Boxes with UMA-LVBS

Adjustable between Stud with SSB-T5

Snap UMA-LVBS onto SSB-T5 (pg. P1) to position the box exactly where you want

Fixed between Stud with FB-4

Compatible with Orbit's Flat Bracket Family (pg. P13) and Fixed Mounting Brackets (pg.P15)

5" SQUARE BOXES ACCESSORIES

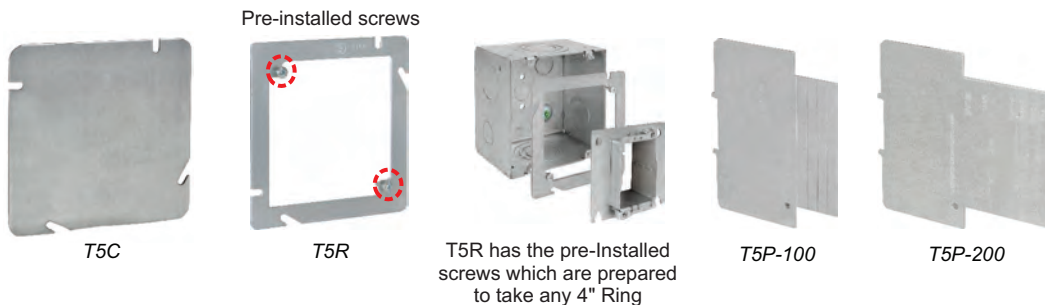
PRODUCT FEATURES

- ▶ Steel Partitions allows for multi-system installations inside junction box
- ▶ T5R eliminates need for 5" sq. rings
- ▶ Partitions not compatible with Adj. Rings

NOTE

- ▶ *Available in Durable Blue Powder Coat Finish, see pg. A23

Cat. No.	Description	For Use with 2-Gang Rings:	Std. Pkg.
*T5C	True 5" Blank Cover	-	50
T5R	True 5" Reducer Cover, 4" Sq Opening, screws to mount 4" Sq. Ring included	-	50
T5P-100	True 5" Square Box Partition For 3-1/4" Deep Boxes	Flat to 1"	25
T5P-200	True 5" Square Box Partition For 3-1/4" Deep Boxes	5/8", 1-1/4" to 2"	25



LARGE CAPACITY DATA BOXES AND COVERS

WELDED

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Provides easy identification of products containing cabling of Data Systems
- ▶ Prevents need for repainting
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Durable Blue Powder Coat Finish

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
B-5BC	Blue 4-11/16" Square Blank Cover	-	-	50
B-5SLB	Blue 4-11/16" Sq., 2-1/2" Deep, 49.4 Cu. In.	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24
5SLB-2MKO	4-11/16" Square, 2-1/2" Deep, 49.4 Cu. In. Large Capacity Box	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24
B-T5C	Blue True 5" Sq. Blank Cover	-	-	50
B-T5B	Blue True 5" Sq., 3-1/4" Deep Box, 71.8 Cu. In.	2 - 1" to 2" CKO 2 - 1" & 1-1/4" MKO 2 - 1/2" & 3/4" MKO	1 - 1/2" 1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO	12



B-5BC



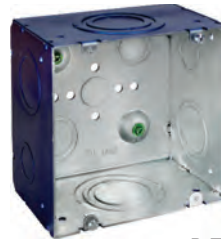
B-5SLB



5SLB-2MKO



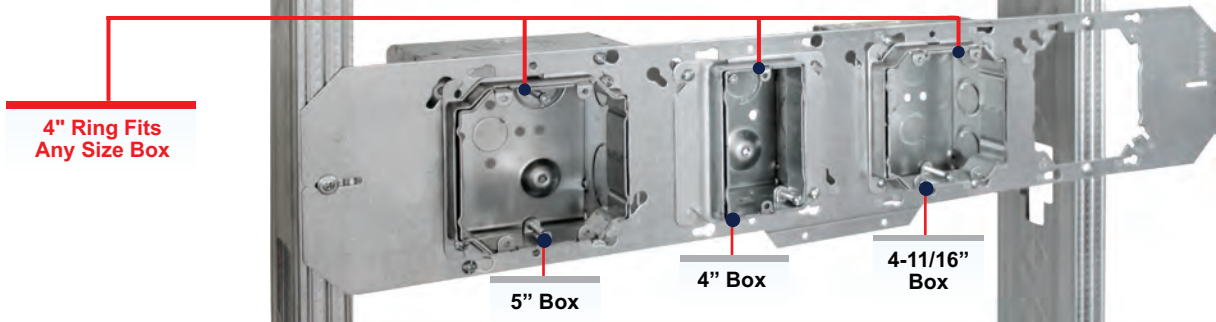
B-T5C



B-T5B

Compatible Mounting Brackets in P Section

INSTALLATION



FB-4 SHOWN INSTALLED

The Flat Bracket can be positioned to accommodate irregular stud spacings. See page P13-14 for more details



FIRE ALARM BOXES & COVERS

PRODUCT FEATURES

- ▶ Provide easy identification of products containing cabling of Fire Alarm Systems
- ▶ Prevent need for repainting
- ▶ Industrial, Commercial or Residential Use
- ▶ Durable Red Powder Coat Finish

NOTE

- ▶ Additional specs located with corresponding models without red finish in catalog
- ▶ All 4S Boxes are certified for Fixture/Luminaire Support of 50 lbs or less (except for UMAB & UMIAB)
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls (4S Box only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
*FA-4RBC	Red 4" Octagon Blank Cover	-	-	50
FA-4BC	Red 4" Square Blank Cover	-	-	50
FA-4SB-MKO	Red 4" Square, 1-1/2" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
FA-4SB-MKO-EXT	Red 4" Square, 1-1/2" Deep Extension	8 - 1/2", 4 - MKO	-	50
FA-4SDB-75	Red 4" Square, 2-1/8" Deep Box	8 - 3/4"	2 - 1/2", 2 - MKO	24
FA-4SDB-MKO	Red 4" Square, 2-1/8" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
FA-4SDB-MKO-FB	Red 4" Square, 2-1/8" Deep Box w/ FB Bracket	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
FA-4SEDB-CKO	Red 4" Square, 3-1/2" Deep Box	12 - CKO	4 - CKO	24
*FA-4SEDB-CKO-FB	Red 4" Square, 3-1/2" Deep Box w/ FB Bracket	10 - CKO	4 - CKO	10
FA-UMAB	External Adjustment Red 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 0" to 1-1/2"	12 - CKO	4 - CKO	10
FA-UMIAB-35 NEW	Internal Adjustment Red 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 1/2" to 1-1/2"	12 - CKO	4 - CKO	10
FA-UMAB-4R	External Adjustment Red 4" (40), 2-1/8" Deep Box, 21.1 Cu. In., Adj. range: 0" to 1-1/2"	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	20
FA-5BC	Red 4-11/16" Square Blank Cover	-	-	50
FA-5SDB-MKO	Red 4-11/16" Square, 2-1/8" Deep Box	2 - 1/2", 10 - MKO	2 - 1/2", 2 - 3/4"	24



*FA-4RBC



FA-4BC



FA-4SB-MKO



FA-4SB-MKO-EXT



FA-4SDB-75



FA-4SDB-MKO



FA-4SDB-MKO-FB



FA-4SEDB-CKO



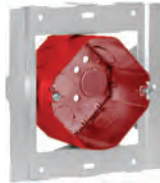
*FA-4SEDB-CKO-FB



FA-UMAB



FA-UMIAB-35



FA-UMAB-4R



FA-5BC



FA-5SDB-MKO

UNIVERSAL CUT-IN BOX ADAPTER

PRODUCT FEATURES

- ▶ Quickly mount any 4" square steel junction box into old work applications
- ▶ Works with 4" square boxes of any depth
- ▶ Two integrated old work steel clips with screws
- ▶ For drywall or other wall materials
- ▶ Small footprint easily concealed by life safety devices greater than 4-7/8" W X 4-3/4" H
- ▶ Available in Red powder coat finish for FA circuits

Visit our website to download a wall mounting template

Cat. No.	Description	Std. Pkg.
UCIA-4S NEW	Cut-in adapter for 4" Square Boxes	20
FA-UCIA-4S NEW	Red Cut-in adapter for 4" Square Boxes	20

Turn any 4" square box into an "Old Work" box!



UCIA-4S



FA-UCIA-4S



FIRE ALARM



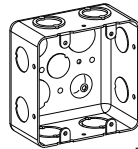
PREFABRICATION

Small footprint easily concealed by life safety devices Prepare 4" boxes with UCIA-4S in the shop

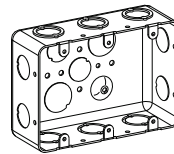
MULTIGANG SWITCH BOXES
DRAWN
2-1/8" DEEP

WITH RAISED GROUND EMBOSS & DEVICE EARS

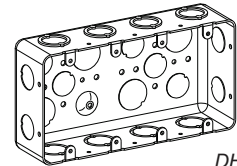
Cat. No.	No. of Gangs	Bracket & Setback	Knockouts		Dimension W x H	Cu. Inch	Std. Pkg.
			Sides	Bottom			
DHB-2	2	-	4 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	4" x 4"	30.3	25
DHB-3	3	-	4 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	5-3/4" x 4"	44.0	25
DHB-4	4	-	4 - 1/2", 8 - CKO	5 - 1/2", 4 - 3/4"	7-1/2" x 4"	57.8	20
DHB-3-B	3	B, 9/16"	2 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	5-3/4" x 4"	44.0	20
DHB-4-B	4	B, 9/16"	2 - 1/2", 8 - CKO	5 - 1/2", 4 - 3/4"	7-1/2" x 4"	57.8	20
DHB-2-FB	2	FB, 9/16"	2 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	4" x 4"	30.3	25
DHB-3-FB	3	FB, 9/16"	2 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	5-3/4" x 4"	44.0	20
DHB-4-FB	4	FB, 9/16"	2 - 1/2", 8 - CKO	5 - 1/2", 4 - 3/4"	7-1/2" x 4"	57.8	20



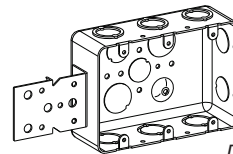
DHB-2



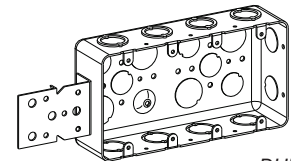
DHB-3



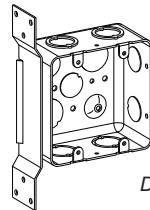
DHB-4



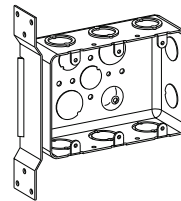
DHB-3-B



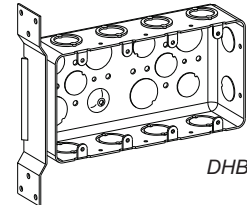
DHB-4-B



DHB-2-FB



DHB-3-FB



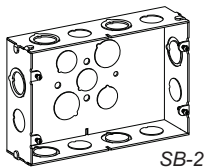
DHB-4-FB

MULTIGANG SWITCH BOXES
WELDED
1-5/8" DEEP

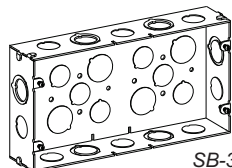
& LOW VOLTAGE PARTITION

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

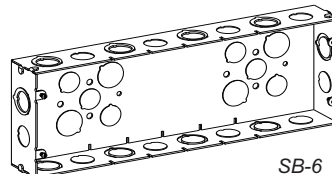
Cat. No.	No. of Gangs	Knockouts		Dimension W x H	Cu. Inch	Std. Pkg.	
		Sides	Bottom				
SB-2	2	6 - 1/2", 6 - MKO	3 - 1/2", 2 - 3/4"	6-13/16" x 4-9/16"	56.3	5	
SB-3	3	8 - 1/2", 6 - MKO	6 - 1/2", 4 - 3/4"	8-5/8" x 4-9/16"	65.0	5	
SB-4	4	8 - 1/2", 8 - MKO	6 - 1/2", 4 - 3/4"	10-7/16" x 4-9/16"	80.0	5	
SB-5	5	10 - 1/2", 8 - MKO	6 - 1/2", 4 - 3/4"	12-1/4" x 4-9/16"	94.8	5	
SB-6	6	10 - 1/2", 10 - MKO	6 - 1/2", 4 - 3/4"	14-1/16" x 4-9/16"	111.1	1	
SB-7	7	12 - 1/2", 10 - MKO	9 - 1/2", 6 - 3/4"	15-7/8" x 4-9/16"	127.0	1	
SB-8	8	12 - 1/2", 12 - MKO	9 - 1/2", 6 - 3/4"	17-11/16" x 4-9/16"	142.1	1	
SB-9	9	14 - 1/2", 12 - MKO	9 - 1/2", 6 - 3/4"	19-1/2" x 4-9/16"	157.9	1	
SB-10	10	14 - 1/2", 14 - MKO	9 - 1/2", 6 - 3/4"	21-3/8" x 4-9/16"	172.1	1	
SB-D	Partition for 1-5/8" SB Boxes, flat or raised cover						25



SB-2



SB-3



SB-6



SB-D



Mount Multigang boxes between studs on Orbit's SSB System. See pg. P1 for more info

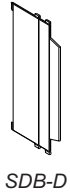
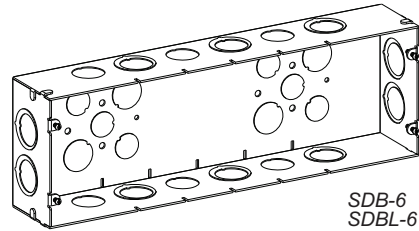
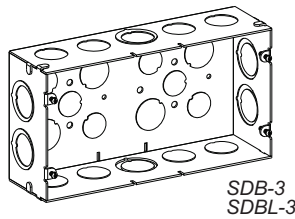
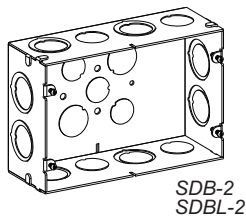




**MULTIGANG
DEEP SWITCH BOXES
WELDED
2-1/2" DEEP
& LOW VOLTAGE
PARTITION**

Cat. No.	No. of Gangs	Knockouts		Dimension W x H	Cu. Inch	Std. Pkg.
		Sides	Bottom			
SDB-2	2	4 - 3/4", 8 - 1/2" & 3/4" MKO	3 - 1/2", 2 - 3/4"	6-13/16" x 4-9/16"	70.0	5
SDB-3	3	8 - 3/4", 6 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	8-5/8" x 4-9/16"	90.0	5
SDB-4	4	4 - 3/4", 8 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	10-7/16" x 4-9/16"	110.0	5
SDB-5	5	6 - 3/4", 8 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	12-1/4" x 4-9/16"	130.0	5
SDB-6	6	6 - 3/4", 8 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	14-1/16" x 4-9/16"	150.0	1
SDBL-2	2	4 - 3/4", 8 - 3/4" & 1" MKO	3 - 1/2", 2 - 3/4"	6-13/16" x 4-9/16"	70.0	5
SDBL-3	3	8 - 3/4", 6 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	8-5/8" x 4-9/16"	90.0	5
SDBL-4	4	4 - 3/4", 8 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	10-7/16" x 4-9/16"	110.0	5
SDBL-5	5	6 - 3/4", 8 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	12-1/4" x 4-9/16"	130.0	5
SDBL-6	6	6 - 3/4", 8 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	14-1/16" x 4-9/16"	150.0	1
SDB-D	Partition for 1-5/8" Deep SB Boxes, flat, and & 2-1/2" SDB Boxes, flat or raised cover					25

3/4" & 1" Knockouts 1/2" & 3/4" Knockouts

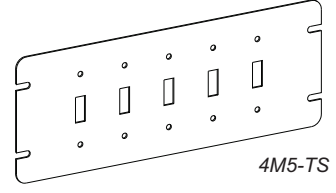
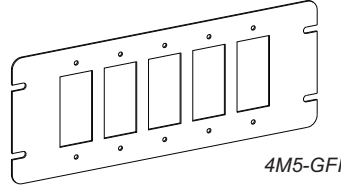
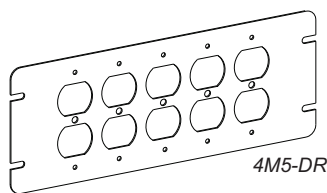
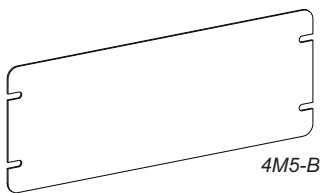


**BLANK AND DEVICE COVERS
FOR MULTIGANG BOXES
2 TO 10 GANGS
FLAT**

NOTE

- ▶ Same W & H dimensions as SB & SR Series

Blank Cat. No.	Duplex Receptacle Cat. No.	Decorative or GFCI Cat. No.	Toggle Switch Cat. No.	No. of Gangs	Std. Pkg.
4M2-B	4M2-DR	4M2-GFI	4M2-TS	2	5
4M3-B	4M3-DR	4M3-GFI	4M3-TS	3	5
4M4-B	4M4-DR	4M4-GFI	4M4-TS	4	5
4M5-B	4M5-DR	4M5-GFI	4M5-TS	5	5
4M6-B	4M6-DR	4M6-GFI	4M6-TS	6	1
4M7-B	4M7-DR	4M7-GFI	4M7-TS	7	1
4M8-B	4M8-DR	4M8-GFI	4M8-TS	8	1
4M9-B	4M9-DR	4M9-GFI	4M9-TS	9	1
4M10-B	4M10-DR	4M10-GFI	4M10-TS	10	1



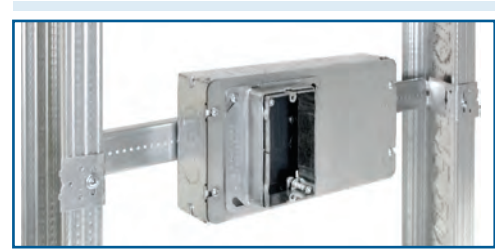
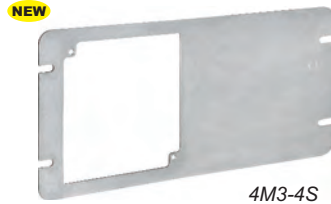
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4" SQUARE RING ADAPTER FOR 3-GANG BOX FLAT

PRODUCT FEATURES

- ▶ Ideal where 2-1/2" stud depths are common
- ▶ Compatible with any style of 4" square device rings, including adjustable depth models
- ▶ Increase box fill volume by 55% (up to 65 Cu. In.) versus deep 4-11/16" Sq. junction boxes (42 Cu. In.)
- ▶ Designed for use with Welded 3-Gang Outlet Boxes

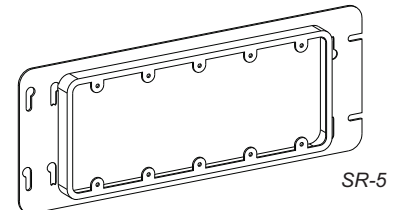
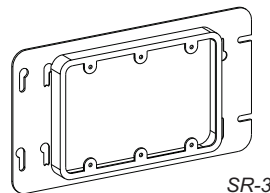
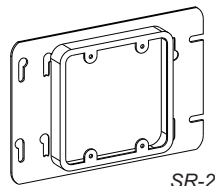
Cat. No.	Description	No. of Gangs	Std. Pkg.
4M3-4S NEW	4" Sq. Ring Adapter for 3-Gang Welded Boxes	3-Gang to 4" Sq.	25



4M3-4S Shown Installed on BHA-16, SB-3 & 4AR1G-58

DEVICE RINGS FOR MULTIGANG BOXES 2 TO 10 GANGS RAISED 3/4"

Cat. No.	No. of Gangs	Dimension W x H	Cu. Inch	Std. Pkg.
SR-2	2	6-13/16" x 4-9/16"	9.1	5
SR-3	3	8-5/8" x 4-9/16"	14.9	5
SR-4	4	10-7/16" x 4-9/16"	21.0	5
SR-5	5	12-1/4" x 4-9/16"	25.5	5
SR-6	6	14-1/16" x 4-9/16"	30.8	1
SR-7	7	15-7/8" x 4-9/16"	36.1	1
SR-8	8	17-11/16" x 4-9/16"	41.1	1
SR-9	9	19-1/2" x 4-9/16"	46.4	1
SR-10	10	21-3/8" x 4-9/16"	51.3	1



UL-APPROVED ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ Adjusts to achieve a flush finish every time
- ▶ Patented design provides strong electrical and mechanical connections to meet UL requirements

Cat. No.	Description	Adjustability Range	Std. Pkg.
3GAR-34	3-Gang Adjustable Ring	3/4" to 1-1/2"	25



SSB-SDB SERIES

Contact us for Custom Assemblies of Standard & Multigang Boxes
Email info@orbitprofab.com

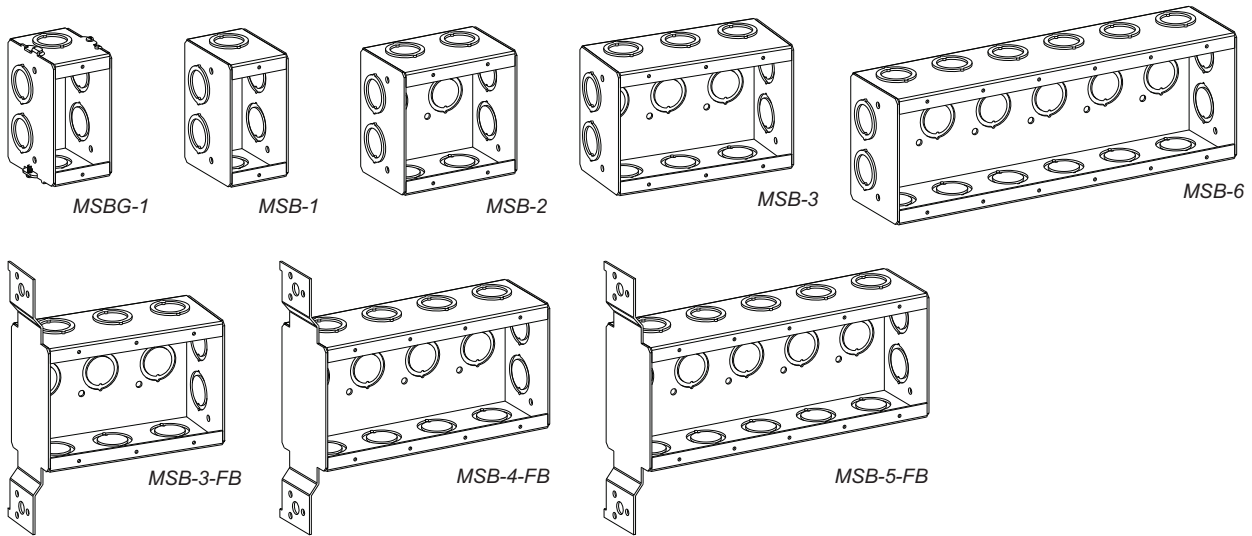
A28 | Masonry Boxes



Boxes & Covers

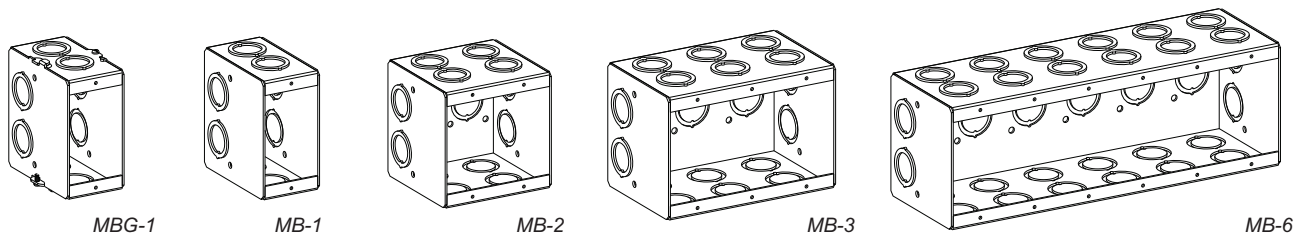
MASONRY BOXES WITH CONCENTRIC KNOCKOUTS (CKO) 2-1/2" DEEP

Cat. No.	No. of Gangs	Bracket & Setback	Knockouts			Dimension W x H	Cu. Inch	Std. Pkg.
			Ends	Bottom	Sides			
MSBG-1	1, Gangable	-	2	1	4	1-7/8" x 3-3/4"	16.1	25
MSB-1	1	-	2	1	4	1-7/8" x 3-3/4"	16.1	25
MSB-2	2	-	4	2	4	3-3/4" x 3-3/4"	31.9	10
MSB-3	3	-	6	3	4	5-1/2" x 3-3/4"	47.9	10
MSB-4	4	-	8	4	4	7-3/8" x 3-3/4"	63.6	10
MSB-5	5	-	10	5	4	9-1/8" x 3-3/4"	79.6	10
MSB-6	6	-	12	6	4	11" x 3-3/4"	95.3	1
MSB-3-FB	3	FB, 9/16"	6	3	2	5-1/2" x 3-3/4"	47.9	20
MSB-4-FB	4	FB, 9/16"	8	4	2	7-3/8" x 3-3/4"	63.6	20
MSB-5-FB	5	FB, 9/16"	10	5	2	9-1/8" x 3-3/4"	79.6	20



MASONRY BOXES WITH CONCENTRIC KNOCKOUTS (CKO) 3-1/2" DEEP

Cat. No.	No. of Gangs	Knockouts			Dimension W x H	Cu. Inch	Std. Pkg.
		Ends	Bottom	Sides			
MBG-1	1, Gangable	4	1	4	1-7/8" x 3-3/4"	23.5	25
MB-1	1	4	1	4	1-7/8" x 3-3/4"	23.5	25
MB-2	2	8	2	4	3-3/4" x 3-3/4"	46.9	10
MB-3	3	12	3	4	5-1/2" x 3-3/4"	69.3	10
MB-4	4	16	4	4	7-3/8" x 3-3/4"	92.1	10
MB-5	5	20	5	4	9-1/8" x 3-3/4"	116.1	10
MB-6	6	24	6	4	11" x 3-3/4"	139.0	1



SSB WITH PREASSEMBLED ADJUSTABLE MASON BOX 3-1/2" DEEP

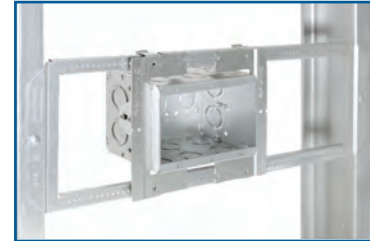
PRODUCT FEATURES

- ▶ Bracket adjusts from 15" to 25"
- ▶ Rigidity eliminates need for far-side back support
- ▶ Ships preassembled with box depth set at 5/8", and adjustable up to 1-1/2"
- ▶ Guided-slots on each side allow the box depth to be easily adjusted by simply loosening the screws
- ▶ Built-In Adapter allows Masonry Box to be moved along SSB Bracket until set in final position with a Tek screw
- ▶ All Knockouts are Concentric 1/2" & 3/4"

Cat. No.	No. of Gangs	KO Ends	KO Bottom	KO Sides	Cu. Inches	Std. Pkg.
SSB-MB3	3	(6) - CKO	(3) - CKO	(4) - CKO	69.3	10
SSB-MB4	4	(8) - CKO	(4) - CKO	(4) - CKO	92.1	10
SSB-MB5	5	(10) - CKO	(5) - CKO	(4) - CKO	116.1	10
SSB-MB6	6	(12) - CKO	(6) - CKO	(4) - CKO	139	10



SSB-MB3



6-way Adjustability

PATENTED



An ideal solution in Nurse Call systems and Headwall assemblies for healthcare projects



SSB-MB3 SIDE VIEW

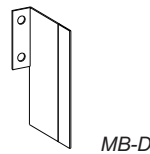
Adjustment Screws & Guided Slots
Adjustable 5/8" to 1-1/2"

MASONRY BOX PARTITION

PRODUCT FEATURES

- ▶ Fits 2-1/2" & 3-1/2" Masonry Boxes

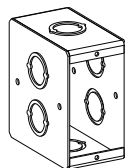
Cat. No.	Description	Dimension W x H	Std. Pkg.
MB-D	2-1/2" / 3-1/2" Partition for MSB and MB Boxes	3-1/4" x 3-1/2"	25



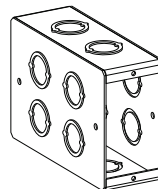
MB-D

MASONRY THRU BOXES WITH CONCENTRIC KNOCKOUTS (CKO)

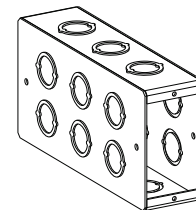
Cat. No.	Dimension W x H	Depth	Knockouts		Cu. Inch	Std. Pkg.
			Ends	Sides		
*MTB-350	2" x 3-3/4"	3-1/2"	2	4	24.0	25
*MTB-550	2" x 3-3/4"	5-1/2"	4	8	38.0	25
*MTB-750	2" x 3-3/4"	7-1/2"	6	12	52.3	25



*MTB-350



*MTB-550



*MTB-750

- ▶ **600V** CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



*While Supplies Last

A30 | Concrete Boxes & Covers



Boxes & Covers

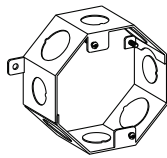
4" OCTAGONAL CONCRETE BOXES

NOTE

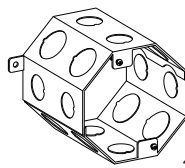
- ▶ For Fixture/Luminaire Support of 50 lbs or less
- ▶ *For Fixture/Luminaire Support of 90 lbs or less, Fan Support of 70 lbs or less

See Page A5 for Covers & Rings

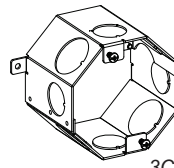
Cat. No.	Depth	Knockouts		Cu. Inch	Std. Pkg.
		Sides 1, 3, 5, 7	Sides 2, 4, 6, 8		
2CB	2"	1 - 1/2"	1 - 3/4"	24.4	25
25CB	2-1/2"	1 - 1/2"	1 - 3/4"	30.5	25
3CB	3"	1 - 1/2"	1 - 3/4"	37.0	25
3CB-75/100	3"	1 - 3/4"	1 - 1"	37.0	25
35CB	3-1/2"	2 - 1/2"	2 - 3/4"	43.0	25
35CB-75/100	3-1/2"	1 - 3/4"	1 - 1"	43.0	25
4CB	4"	2 - 1/2"	2 - 3/4"	49.2	25
4CB-75/100	4"	2 - 3/4"	2 - 1"	49.2	25
*4CB-F	4"	Side 1, 5; 1 - 1/2" Side 3, 7; 2 - 1/2"	Side 2, 6; 1 - 3/4" Side 4, 8; 2 - 3/4"	49.2	25
5CB	5"	2 - 1/2"	2 - 3/4"	61.7	10
6CB	6"	2 - 1/2"	2 - 3/4"	73.5	10



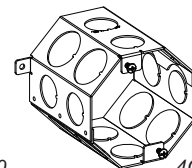
2CB
25CB
3CB



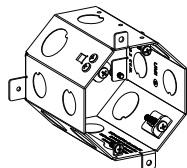
35CB
4CB
5CB
6CB



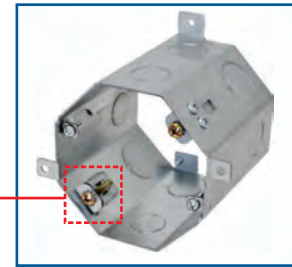
3CB-75/100
35CB-75/100



4CB-75/100



*4CB-F

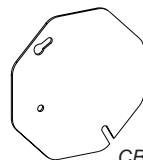


FAN-RATED CONCRETE BOX

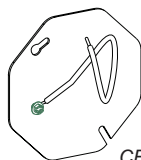
Inside tabs for fans up to 70 lbs (dynamic)

4" OCTAGONAL CONCRETE BOX COVERS

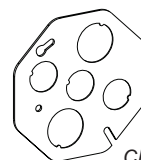
Cat. No.	Description	Std. Pkg.
CB-B	Flat, Blank	25
CB-B-PT	Flat, Blank - With 12" #12AWG Solid Pigtail	25
CB-BK	Flat With 3 - 1/2" KO's & 2 - 3/4" KO's	25
CB-BK-STUD	2 - 1/2" KO's & 2 - 3/4" KO's - With #3/8-18 Threaded Fixture Stud	25



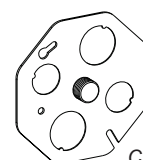
CB-B



CB-B-PT



CB-BK

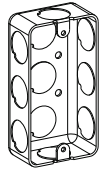


CB-BK-STUD

SUPER SHALLOW HANDY BOX
DRAWN
1-1/4" DEEP

2" W x 4" H
8.5 Cu. In.

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
DHSSB-1-50	8 - 1/2"	3 - 1/2"	50

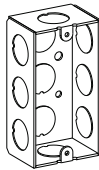


DHSSB-1-50

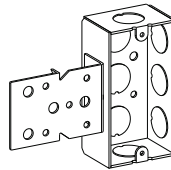
SHALLOW HANDY BOXES AND EXTENSION RING
WELDED
1-1/2" DEEP

2" W x 4" H
11.5 Cu. In.

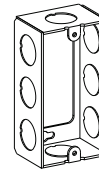
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
HSB-1-50	-	8 - 1/2"	3 - 1/2"	50
HSB-1-50-B	B, 1/4"	5 - 1/2"	3 - 1/2"	50
HSB-1-50-EXT	-	8 - 1/2"	-	50



HSB-1-50



HSB-1-50-B



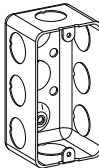
HSB-1-50-EXT

HANDY BOX
DRAWN
1-7/8" DEEP

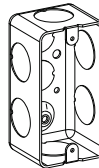
2" W x 4" H
13.0 Cu. In.

WITH RAISED GROUND EMBOSS

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
DHB-1-50	8 - 1/2"	2 - 1/2"	50
DHB-1-75	6 - 3/4"	2 - 1/2"	50



DHB-1-50

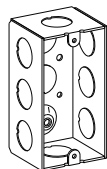


DHB-1-75

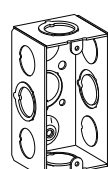
HANDY BOXES AND EXTENSION RINGS
WELDED
1-7/8" DEEP

2" W x 4" H
13.0 Cu. In.

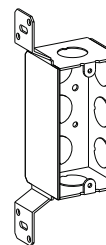
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
HB-1-50	-	8 - 1/2"	2 - 1/2"	50
HB-1-MKO	-	4 - 1/2", 4 - MKO	1 - 1/2", 1 - MKO	50
HB-1-50-FB	FB, 9/16"	5 - 1/2"	3 - 1/2"	50
HB-1-MKO-FB	FB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50
HB-1-MKO-AB	AB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50
HB-1-50-EXT	-	8 - 1/2"	-	50
HB-1-MKO-EXT	-	4 - 1/2", 4 - MKO	-	50



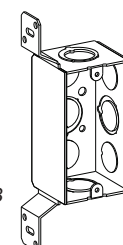
HB-1-50



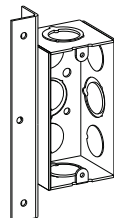
HB-1-MKO



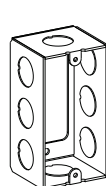
HB-1-50-FB



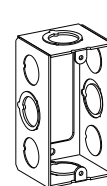
HB-1-MKO-FB



HB-1-MKO-AB



HB-1-50-EXT



HB-1-MKO-EXT

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



A32 | Deep Handy Boxes & Covers



Boxes & Covers

DEEP HANDY BOXES

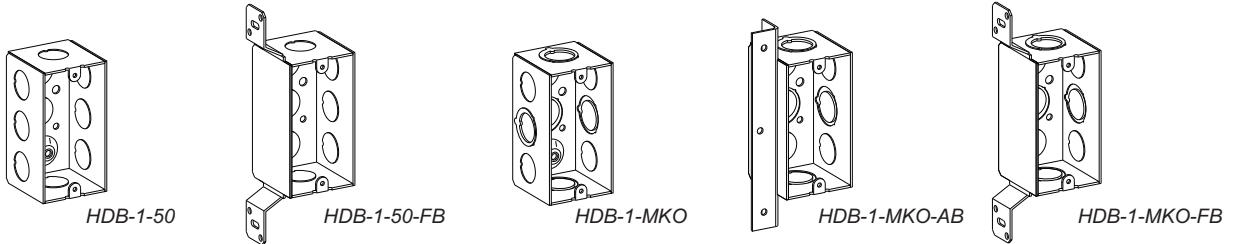
WELDED

2-1/8" DEEP

2" W x 4" H

16.5 Cu. In.

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
HDB-1-50	-	8 - 1/2"	2 - 1/2"	50
HDB-1-50-FB	FB, 9/16"	5 - 1/2"	3 - 1/2"	50
HDB-1-MKO	-	4 - 1/2", 4 - MKO	1 - 1/2", 1 - MKO	50
HDB-1-MKO-AB	AB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50
HDB-1-MKO-FB	FB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50

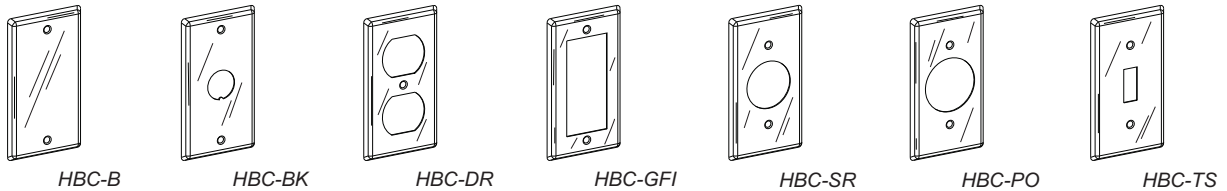


HANDY BOX COVERS

2-5/16" W x 4-3/16" H

▶ With Screw Pre-Installed

Cat. No.	Description	Std. Pkg.
HBC-B	Blank	25
HBC-BK	1/2" K.O.	25
HBC-DR	Duplex Receptacle	25
HBC-GFI	GFCI / Decorative Switch	25
HBC-SR	Single Receptacle, 15A, 1.406" diameter	25
HBC-PO	Power Outlet, 20A, 1.60" diameter	25
HBC-TS	Toggle Switch	25



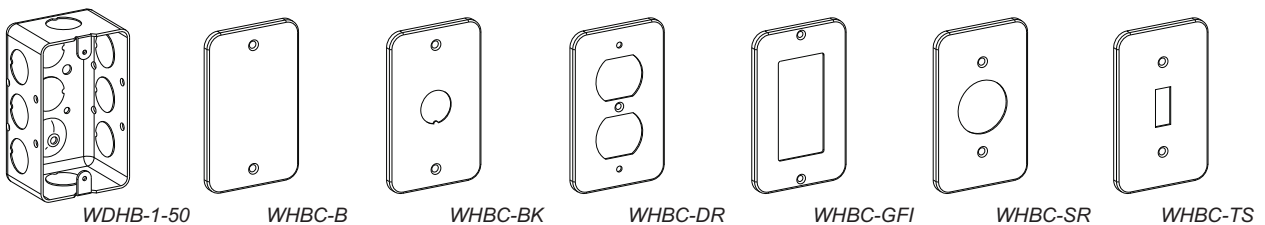
SPECIAL APPLICATION UTILITY BOX AND COVERS

2-1/2" W x 4-1/8" H

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

ORBIT INDUSTRIES EXCLUSIVE

Cat. No.	Description	Std. Pkg.
WDHB-1-50	1-7/8" Raised Deep Drawn Box w/ Ground Emboss, 17.0 Cu. In., 10 - 1/2" K.O.s	25
WHBC-B	3/16" Raised Cover, Blank	25
WHBC-BK	3/16" Raised Cover, 1/2" K.O.	25
WHBC-DR	3/16" Raised Cover, Duplex Receptacle	25
WHBC-GFI	3/16" Raised Cover, GFCI / Decorative Switch	25
WHBC-SR	3/16" Raised Cover, Single Receptacle, 15A, 1.406" diameter	25
WHBC-TS	3/16" Raised Cover, Toggle Switch	25



UNIVERSAL CUT-IN BOX ADAPTER

PRODUCT FEATURES

- ▶ Conveniently mount any 4" square steel junction box into old work applications
- ▶ Works with 4" square boxes of any depth
- ▶ Two integrated old work steel clips with screws
- ▶ For drywall or other wall materials
- ▶ Small footprint easily concealed by life safety devices greater than 4-7/8" W X 4-3/4" H
- ▶ Available in Red powder coat finish for FA circuits

Visit our website to download a wall mounting template

Cat. No.	Description	Std.Pkg.
UCIA-4S NEW	Cut-in adapter for 4" Square Boxes	20
FA-UCIA-4S NEW	Red Cut-in adapter for 4" Square Boxes	20

NEW



UCIA-4S

NEW



FA-UCIA-4S

Turn any 4" square box into an "Old Work" box!



FIRE ALARM

Small footprint easily concealed by life safety devices



PREFABRICATION

Prepare 4" boxes with UCIA-4S in the shop

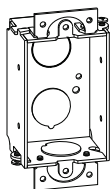
EXTRA SHALLOW GANGABLE SWITCH BOXES 1-1/2" DEEP

2" W x 3" H
7.5 Cu. In.

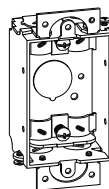
BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCI-A Type

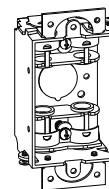
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GESB-1	Ears only	-	2 - 1/2"	2 - 1/2"	50
GESB-1-NM	With NM Cable Clamps	-	4 - Loom	1 - 1/2"	50
*GESB-1-MC	With BX/MC Cable Clamps	-	4 - Loom	1 - 1/2"	50



GESB-1



GESB-1-NM



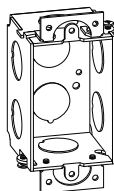
*GESB-1-MC

SHALLOW GANGABLE SWITCH BOXES 2" DEEP

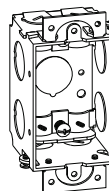
2" W x 3" H
10.0 Cu. In.

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

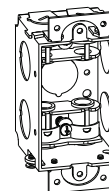
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GSB-1	Ears only	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
GSB-1-NM	With NM Cable Clamps	4 - 1/2"	4 - Loom	1 - 1/2"	50
GSB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	4 - Loom	1 - 1/2"	50



GSB-1



GSB-1-NM



GSB-1-MC



*While Supplies Last

A34 | Gangable Switch Boxes



Boxes & Covers

GANGABLE SWITCH BOXES 2-1/2" DEEP

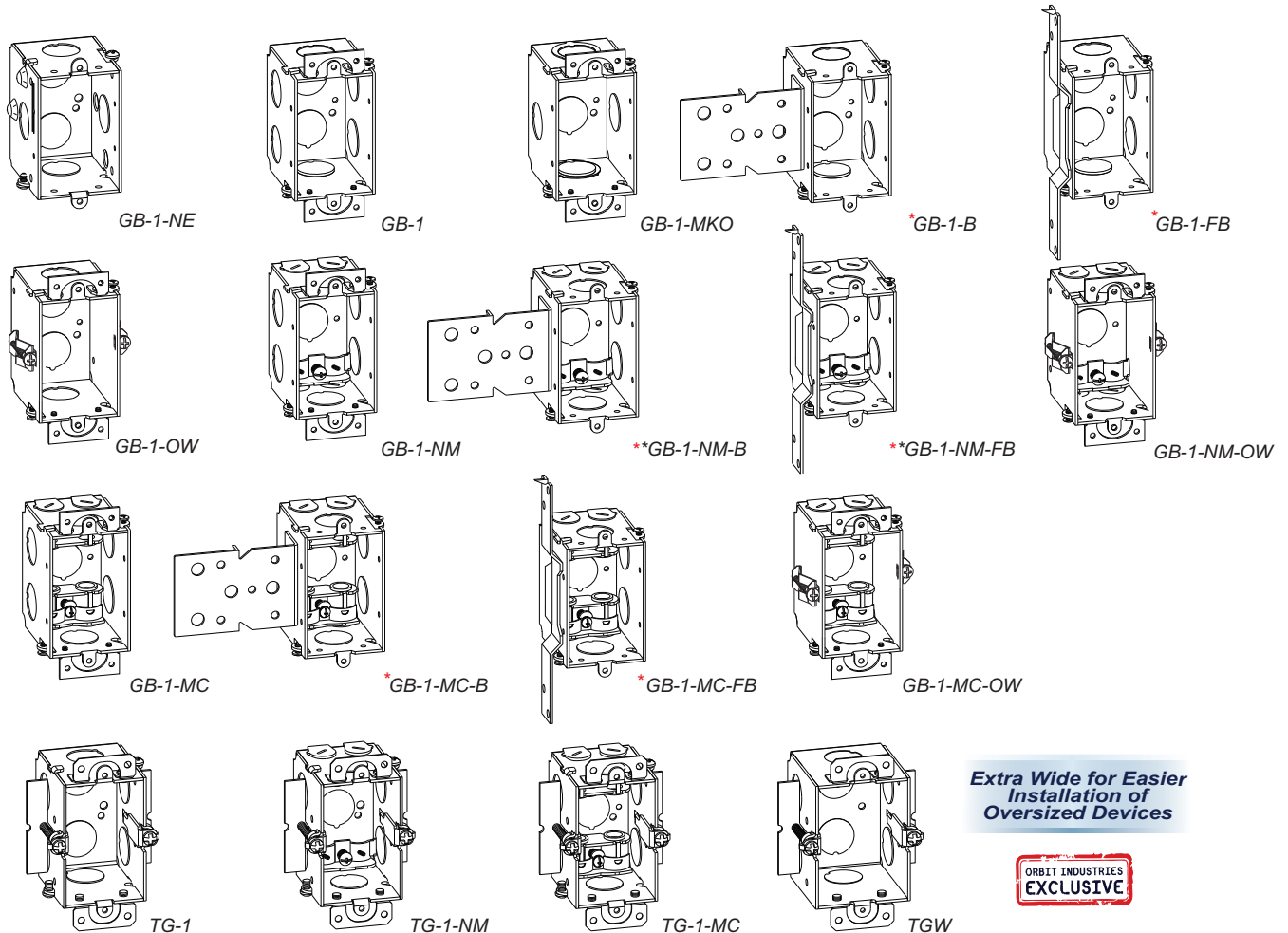
12.5 Cu. In.
2" W x 3" H
(Except for TGW 2-1/4" W x 3" H, 15.0 Cu.In.)

BX/MC FEATURES

▶ All MC series boxes are suitable for use with MCI-A Type

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GB-1-NE	No Ears, with Leveling Bumps	2 - 1/2"	2 - 1/2"	2 - 1/2"	50
GB-1	Ears only	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
GB-1-MKO	Ears only, M.K.O.	2 - 1/2"	2 - MKO	1 - 1/2"	50
* GB-1-B	With B Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2"	2 - 1/2"	50
* GB-1-FB	With FB Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2"	2 - 1/2"	50
GB-1-OW	For Old Work, with Locking Grips	-	2 - 1/2"	2 - 1/2"	50
GB-1-NM	With NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
* GB-1-NM-B	With NM Cable Clamps & B Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
* GB-1-NM-FB	With NM Cable Clamps & FB Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GB-1-NM-OW	With NM Cable Clamps For Old Work, with Locking Grips	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
GB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
* GB-1-MC-B	With BX/MC Cable Clamps & B Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
* GB-1-MC-FB	With BX/MC Cable Clamps & FB Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GB-1-MC-OW	With BX/MC Cable Clamps For Old Work, with Locking Grips	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
TG-1	Old Work Tigergrip	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
TG-1-NM	Old Work Tigergrip, NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TG-1-MC	Old Work Tigergrip, BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TGW	Extra Wide Old Work Tigergrip for easier installation of oversized devices (Non-Gangable) Must be used with Mid-Size or Jumbo Wall Plate	4 - 1/2"	2 - 1/2"	2 - 1/2"	50



Extra Wide for Easier Installation of Oversized Devices



GANGABLE SWITCH BOXES 2-3/4" DEEP (Intermediate Depth)

2" W x 3" H - 4" W x 3" H
14.0 Cu. In. - 28.0 Cu. In.
(Except for TGMW and
WMB-PT 2-1/4" W x 3" H,
18.5 Cu. In.)

PRODUCT FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail Preassembled with 10-32 Ground Screw (Except TGMW)
- ▶ 2-Gang Gangable Switch Boxes can be expanded to multi-gang to non-bracket side (Except TGMW and WMB-PT)

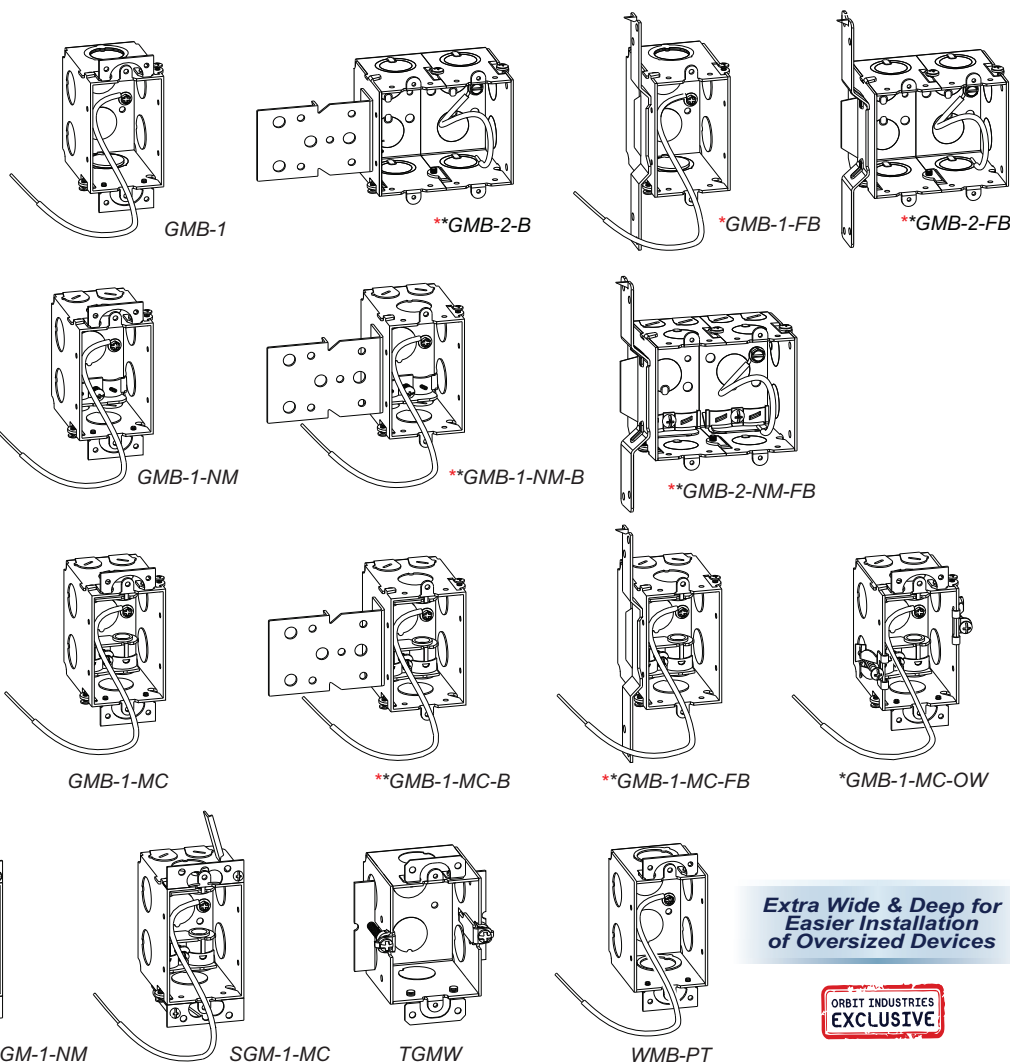
BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCI-A Type

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GMB-1	Ears only	4 - 1/2"	2 - MKO	2 - 1/2"	50
**GMB-2-B	With B Bracket	2 - 1/2"	4 - MKO	4 - 1/2"	25
*GMB-1-FB	With FB Bracket (9/16" Setback)	2 - 1/2"	2 - MKO	2 - 1/2"	50
**GMB-2-FB	With FB Bracket (9/16" Setback)	2 - 1/2"	4 - MKO	4 - 1/2"	25
GMB-1-NM	With NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-1-NM-B	NM Clamps & B Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-2-NM-FB	NM Clamps & FB Bracket (9/16" Setback)	2 - 1/2"	4 - 1/2", 8 - Loom	2 - 1/2"	25
*GMB-1-NM-OW	With NM Cable Clamps, Old Work Grips	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GMB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-1-MC-B	BX/MC Clamps & B Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-1-MC-FB	BX/MC Clamps & FB Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GMB-1-MC-OW	With MC Cable Clamps, Old Work Grips	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
SGM-1	Gangable Old Work Switch Box	4 - 1/2"	2 - MKO	2 - 1/2"	50
SGM-1-NM	Gangable Old Work NM Switch Box	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
SGM-1-MC	Gangable Old Work BX/MC Switch Box	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TGMW	Extra Wide & Deep Old Work Tigergrasp for easier installation of oversized devices (Non-Gangable) Must be used with Mid-Size or Jumbo Wall Plate	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
WMB-PT	Extra Wide & Deep Old Work Tigergrasp for easier installation of oversized devices (Non-Gangable) Must be used with Mid-Size or Jumbo Wall Plate	4 - 1/2"	2 - MKO	2 - 1/2"	50



Extra Wide & Deep for Easier Installation of Oversized Devices



*While Supplies Last

A36 | Switch Boxes

NON-GANGABLE NAIL-ON SWITCH BOXES 2-3/4" DEEP (Intermediate Depth)

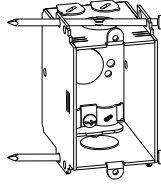
2-1/8" W x 3" H
15.9 Cu. In.

WITH TWO MOUNTING NAILS

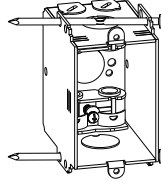
BX/MC CLAMP FEATURES

- All MC series boxes are suitable for use with MCI-A Type

Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
*GMB-NM-NO	Nail-On Non-Gangable, with NM Clamps	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-MC-NO	Nail-On Non-Gangable, with BX/MC Clamps	-	2 - 1/2", 4 - Loom	1 - 1/2"	50



*GMB-NM-NO



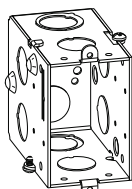
**GMB-MC-NO

GANGABLE SWITCH BOXES 3-1/2" DEEP

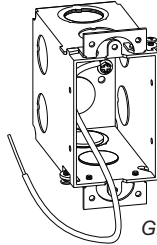
2" W x 3" H
18.0 Cu. In.

WITH PRE-ASSEMBLED 10-32 GROUND SCREW & 7" SOLID CU. #12AWG PIGTAIL (EXCEPT FOR GDB-1-NE)

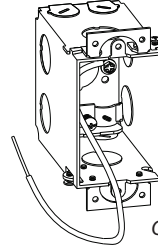
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
*GDB-1-NE	No Ears, with Leveling Bumps	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50
GDB-1	Ears only	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50
GDB-1-NM	With NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GDB-1-NM-B	With NM Cable Clamps & B Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GDB-1-NM-FB	With NM Cable Clamps & FB Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GDB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GDB-1-MC-FB	With BX/MC Cable Clamps & FB Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TGD-1	Gangable Old Work Tigerrip	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50



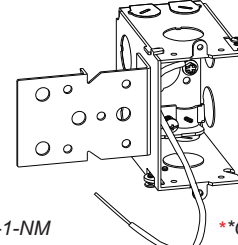
*GDB-1-NE



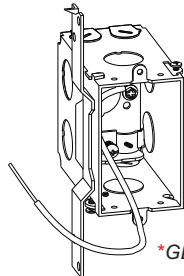
GDB-1



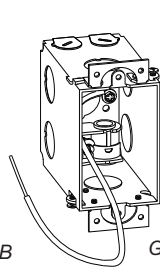
GDB-1-NM



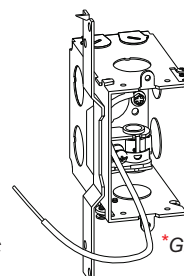
**GDB-1-NM-B



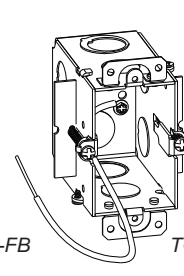
*GDB-1-NM-FB



GDB-1-MC



*GDB-1-MC-FB



TGD-1

- **600V** MKO's suitable for bonding without any additional bonding means up to 600V
- *Acceptable for use in 2-hour rated walls (Up to 2-Gang)
- Visit www.ul.com or QCIT Guide on page W1 for more information

STEEL HEAVY DUTY T-GRID BOX HANGERS

PRODUCT FEATURES

- ▶ Pre-galvanized steel hanger
- ▶ Includes spring steel box mounting clip
- ▶ No tools required to install
- ▶ Accommodates multiple junction boxes
- ▶ Mounts flush with face of tile
- ▶ 50 lbs. static load rating

Cat. No.	Include Components	Length	Box Depth	Std. Pkg.
BHT-1HD <small>NEW</small>	Mounting Clip	24"	1-1/2" 2-1/8"	25
BHT-1HDEEP <small>NEW</small>	Mounting Clip, 1 1/2" Extension Bracket	24"	1-1/2" 2-1/8" 3-5/8"	25

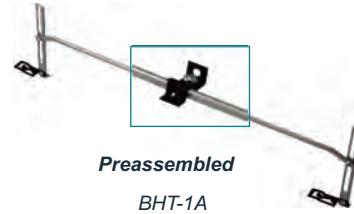
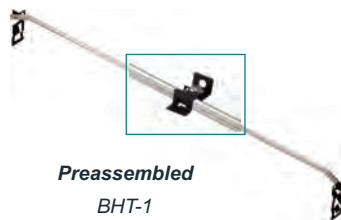


STEEL T-BAR BOX HANGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For T-Bar

Cat. No.	Description	Std. Pkg.
BHT-1	24" T-Bar bracket for use with boxes 1-1/2" or 2-1/8" Deep, Box Clip included	50
BHT-1A	24" T-Bar bracket - 8" height adjustable, Box Clip included	50
BHT-C	Additional Box Clip & Screw set for use with BHT-1 & BHT-1A	100



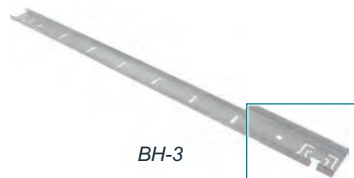
BHT-1 INSTALLATION VIEW

STEEL T-BAR BRACKET

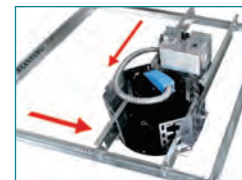
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For T-Bar

Cat. No.	Description	Std. Pkg.
BH-3	Straight Bracket for architectural recessed lights 25-1/4" long with notches 24" apart for use on T-Bar	50



Secure to T-bar using bending tabs to comply with NEC 315.23(d)



BH-3 INSTALLATION VIEW



A38 | Bar Hangers



Accessories

STEEL

ADJUSTABLE BOX HANGERS FOR CEILING JOISTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For Fixture/Luminaire Support of 50 lbs or less at 16" Span

Cat. No.	Description	Master Ctn.
BHA-1	Adjustable Bar Hanger with Stud for joist spacing 16" to 24" with #3/8-18 NPS Threaded Stud	50
BHA-1C	Adjustable Bar Hanger with Stud for joist spacing 16" to 24" with Box Clip	50



BHA-1



BHA-1C

STEEL

FIXED BAR HANGERS FOR CEILING JOISTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For stud

Cat. No.	Description	Master Ctn.
BH-1	24" Straight Bar Hanger for mounting ceiling boxes, Slotted, Includes 2 Stove Bolt / Unit	50



BH-1

ADJUSTABLE BAR HANGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Ends bend and wrap around studs
- ▶ Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" deep
- ▶ For stud and hard lid ceiling joists

Cat. No.	Description	Std. Pkg.
BHA-16	11" to 18" Adjustable Box Bracket – Mount box with self-tapping screws	50
BHA-24	15-3/4" to 26" Adjustable Box Bracket – Mount box with self-tapping screws	50

SHIPS PREASSEMBLED



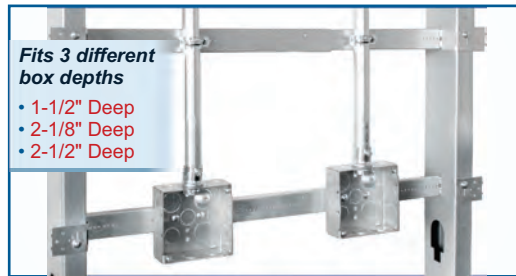
BHA-16

Adjust from 11" to 18"



BHA-24

Adjust from 15-3/4" to 26"



Fits 3 different box depths

- 1-1/2" Deep
- 2-1/8" Deep
- 2-1/2" Deep

BOX AND CONDUIT SUPPORT BETWEEN STUDS USING BHA

DROP-ON-BAR SLIDER BRACKETS

PRODUCT FEATURES

- ▶ Quickly attach to any 4" or 4-11/16" square box
- ▶ Easily drops onto Orbit's BHA-16 and BHA-24
- ▶ A BARB and box assembly can easily be repositioned along the hanger
- ▶ Multiple BARB assemblies can be added before and after the BHA is installed
- ▶ Can be fully prefabricated and locked onto the BHA without setting final box position
- ▶ BARB-CS includes cable support pin holes

PATENTED

**ORBIT INDUSTRIES
EXCLUSIVE**

**Video Available
On Our Website!**

Cat. No.	Description	Std. Pkg.
BARB	Drop-On-Bar Slider Bracket	50
BARB-CS	Drop-On-Bar Slider Bracket with conduit & cable support pin holes	50



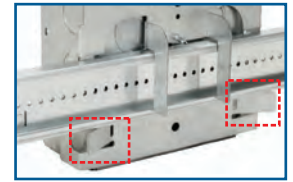
BARB



BARB-CS



BARB-CS includes cable support pinholes



BENDABLE LOCKING TABS

A BARB and box assembly can be locked onto a BHA before arriving on the job site for quick adjustment in the field

PREASSEMBLED

-OR-

IN-FIELD

1

Box Holder Tip!

Attach to a 4" or 4-11/16" box with a single wafer head screw, forming a versatile box assembly

2A

Box assemblies can be prefabricated onto a BHA before arriving to the job site, locking onto the hanger via its bendable tabs

2B

For in-field installations, simply drop the box assembly onto a BHA before or after the hanger has been installed

3

Once the BHA is installed on studs, the box assembly can be adjusted along the hanger

4

Secure the assembly to the BHA with Tek screws, setting the box in place

5

Multiple box assemblies can be easily added!
Up to 3 between 16" & 4 between 24" studs



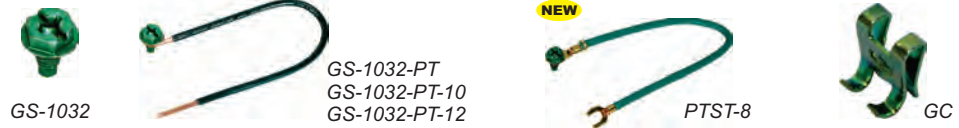
A40 | Pigtails & Wiretails



Accessories

GROUND SCREWS & CLIP

Cat. No.	Description	Std. Master Pkg. Carton	
GS-1032	Ground Screw 10-32 x 3/8", Green, Slotted/Philips/Square/Hex Washer Head	100	1000
GS-1032-PT	GS-1032 with 7" Solid Cu. #12AWG Pigtail	50	250
GS-1032-PT-10	GS-1032 with 10" Solid Cu. #12AWG Pigtail	50	250
GS-1032-PT-12	GS-1032 with 12" Solid Cu. #12AWG Pigtail	50	250
PTST-8 NEW	GS-1032 with 8" Stranded Cu. #12AWG Pigtail and Flanged Spade Terminal	50	250
GC	Grounding Clip, for #14 - #10 AWG Copper	100	1000



POWER WIRE TAILS

SOLID

PRODUCT FEATURES

- Both ends pre-stripped 5/8"

Cat. No.	Description	Std. Pkg.	Master Carton
WTSO-8-BLK NEW	8" Solid Cu. #12AWG, Black	50	250
WTSO-8-RED NEW	8" Solid Cu. #12AWG, Red	50	250
WTSO-8-BL NEW	8" Solid Cu. #12AWG, Blue	50	250
WTSO-8-GR NEW	8" Solid Cu. #12AWG, Green	50	250
WTSO-8-WH NEW	8" Solid Cu. #12AWG, White	50	250



POWER WIRE TAILS

STRANDED

PRODUCT FEATURES

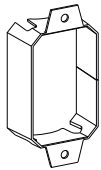
- One flanged spade terminal
- One end pre-stripped 5/8"

Cat. No.	Description	Std. Pkg.	Master Carton
WTST-8-BLK NEW	8" Stranded Cu. #12AWG and Flanged Spade, Black	50	250
WTST-8-RED NEW	8" Stranded Cu. #12AWG and Flanged Spade, Red	50	250
WTST-8-BL NEW	8" Stranded Cu. #12AWG and Flanged Spade, Blue	50	250
WTST-8-GR NEW	8" Stranded Cu. #12AWG and Flanged Spade, Green	50	250
WTST-8-WH NEW	8" Stranded Cu. #12AWG and Flanged Spade, White	50	250



ACCESSORIES

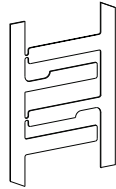
Cat. No.	Description	Std. Pkg.
SB-EXT	Switch Box Extension fits any 1-Gang Box, adjustable from 1/4" to 1" to shield combustible wall surfaces from wiring system, 3.5 Cu. In.	25
SBS	Switch Box Support with bendable tabs, 20GA	100
DLR-1G	Device Leveler and Retainer, 1-Gang	50
OWG	Clips and locks old-work steel boxes tightly to wall. 2 required per box	100
EOWB	Ear for old work boxes with screws	100



SB-EXT



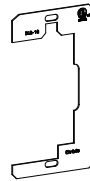
Installation View



SBS



Installation View



DLR-1G



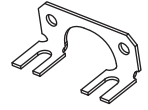
Installation View



OWG



Installation View



EOWB



Installation View

NAIL SAFETY PLATES

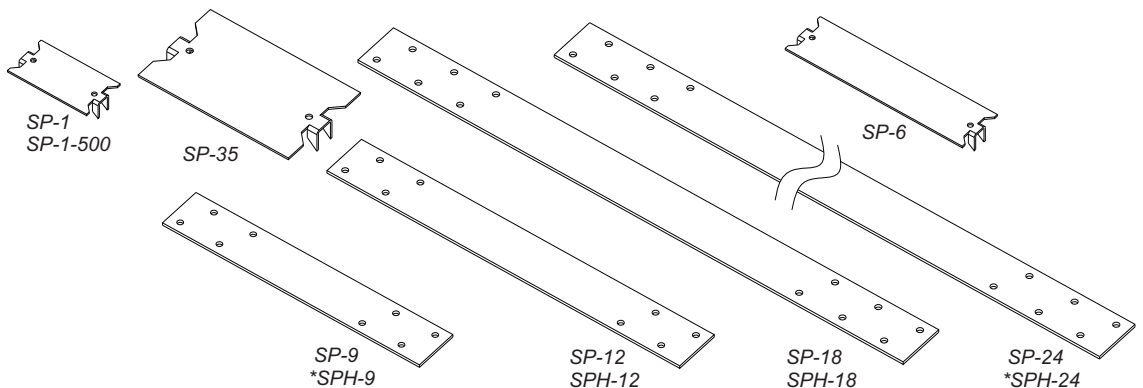
PRODUCT FEATURES

- Provides protection from nail and screw penetration

Cat. No.	Features	Dimensions (W x L)	Thickness	Std. Pkg.
SP-1	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 2.75"	16 GA	100
SP-1-500	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 2.75"	16 GA	500
SP-35	With 2 Mounting Prongs & 1 Nail Hole each end	3" x 5"	16 GA	100
SP-6	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 6"	16 GA	100
SP-9	With 4 Nail Holes each end	1.5" x 9"	16 GA	50
SP-12	With 4 Nail Holes each end	1.5" x 12"	16 GA	50
SP-18	With 6 Nail Holes each end	1.5" x 18"	16 GA	50
SP-24	With 6 Nail Holes each end	1.5" x 24"	16 GA	50
*SPH-9	Heavy-Duty, With 4 Nail Holes each end	1.5" x 9"	12 GA	50
SPH-12	Heavy-Duty, With 4 Nail Holes each end	1.5" x 12"	12 GA	50
SPH-18	Heavy-Duty, With 6 Nail Holes each end	1.5" x 18"	12 GA	50
*SPH-24	Heavy-Duty, With 6 Nail Holes each end	1.5" x 24"	12 GA	50



INSTALLATION VIEW



*While Supplies Last



FLEX/RIGID/EMT NAIL STRAPS

Cat. No.	FLEX/RIGID Size	EMT Size	Description	Std. Pkg.	Master Carton
NS-50	-	1/2"	EMT Nail Strap	100	1000
NS-50/75	1/2"	3/4"	Flex/Rigid/EMT Nail Strap	100	1000
NS-100	3/4"	1"	Flex/Rigid/EMT Nail Strap	100	1000



NS-50
NS-50/75
NS-100

LOW VOLTAGE PRODUCTS

LVSB PRODUCT FEATURES

- ▶ 1/2" raise
- ▶ Mounts vertically or horizontally
- ▶ Attaches to wooden or metal studs with the use of self-tapping screws or nails
- ▶ Can install onto the front or side of wood or metal studs
- ▶ Compatible with Simple Support Bracket (SSB-T5, pg. P1) and Ultimate Support Bracket (USB, pg. P11) for between stud applications

LVWP PRODUCT FEATURES

- ▶ For Old Work applications
- ▶ Fits 1/2" to 1-1/4" drywall thickness
- ▶ Can also be used in plaster or tile openings
- ▶ Eliminates need to use electrical box for low voltage Class 2 wiring
- ▶ Requires only a drywall saw and screwdriver to install

Cat. No.	Description	Std. Pkg.
LVSB1	1-Gang Low Voltage Stud Mounting Bracket	50
LVSB2	2-Gang Low Voltage Stud Mounting Bracket	25
LVWP1	1-Gang Low Voltage Wall Mounting Plate	50
LVWP2	2-Gang Low Voltage Wall Mounting Plate	25

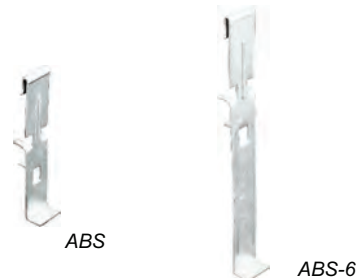


STEEL BACK SUPPORTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.
ABS	Far-Side Box Support for 1-1/2" & 2-1/8" deep boxes, for use with 4" metal studs	50
ABS-6	Far-Side Box Support for 1-1/2" & 2-1/8" deep boxes, for use with 6" metal studs	50



JACK CHAIN

PRODUCT FEATURES

- ▶ Steel
- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load
- ▶ In Steel Reel



Cat. No.	Trade Size	Std. Pkg.
JC-12	12GA	100

"S" HOOK

PRODUCT FEATURES

- ▶ Steel
- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SH-2	12GA, 1-1/4"	100	1000

HANGER SCREW WITH SINGLE HOLE

PRODUCT FEATURES

- ▶ Steel
- ▶ Wood Screw Thread

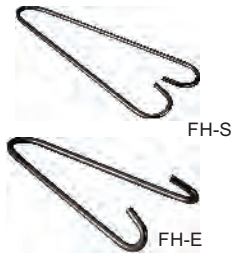


Cat. No.	Description	Dimension	Std. Pkg.	Master Ctn.
H-SCREW	Flat Hanger Screw	1/4" x 3"	100	500

FIXTURE HANGER

PRODUCT FEATURES

- ▶ Steel



Cat. No.	For Use With	Mount Position	Std. Pkg.	Master Ctn.
FH-E	2, 3, or 4 Light Fixtures	End Mount	100	500
FH-S	2, 3, or 4 Light Fixtures	Side Mount	100	500

PORCELAIN WIRE HOLDERS

PRODUCT FEATURES

- ▶ Porcelain & Galvanized Steel
- ▶ Varies According to Sizes



Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
PWH-L	With 2-1/4" Lag Bolt	2-3/4"	5	20
PWH-M	With Steel Clip for 1-1/4" to 3" Mast	1-1/4" to 3"	5	20

TIE WIRE

PRODUCT FEATURES

- ▶ Black Annealed Steel
- ▶ 16GA



Cat. No.	Description	Trade Size	Std. Pkg.
TW	Tie Wire	16GA, 400'	20

Orbit's NEMA Enclosures feature code gauge steel, mounting holes and a variety of KO configurations to handle various applications including data communication network systems. Enclosures include NEMA Type 1 and Type 3R; each designed as the ideal way of protecting equipment and hazardous parts from the elements.

NEMA Type 1 and Type 3R

MATERIALS:

- Made from 16 Gauge Steel

FINISH:

- ANSI 61 Gray Polyester Powder Paint
- Hi-Gloss Smoke Gray Powder Coated inside and outside.
- Other finished available upon special request

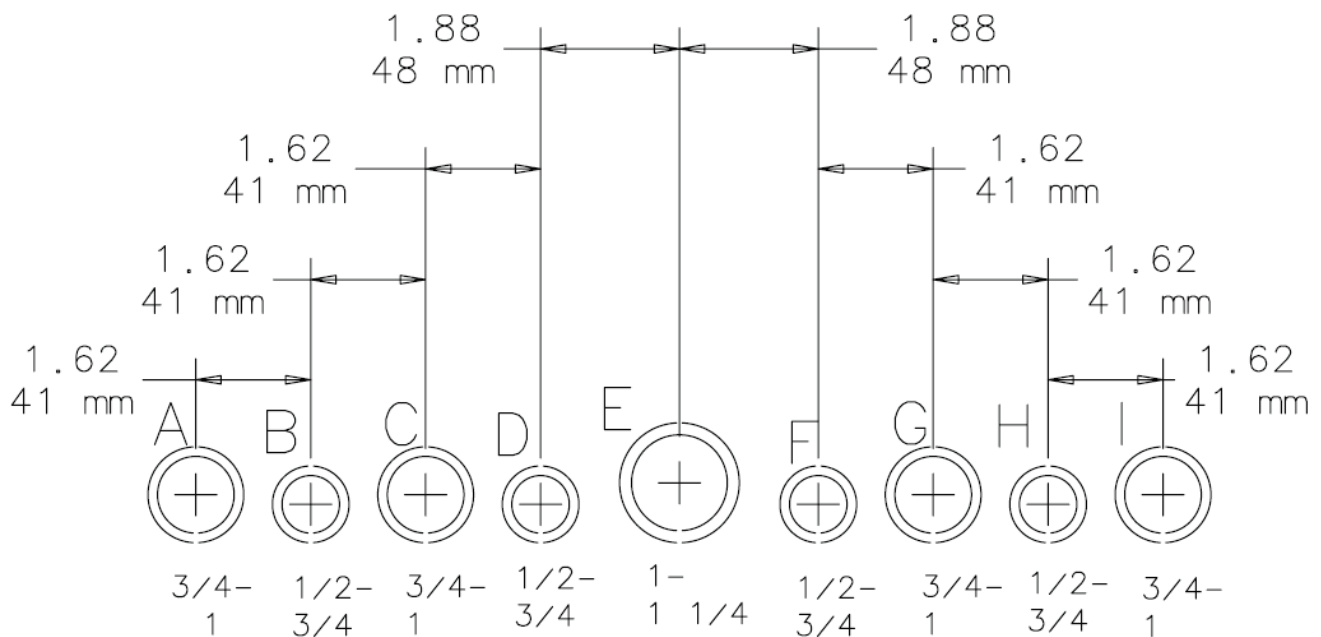
KNOCK-OUT:

- Standard CKOs featured on all sides
- Enclosures also available without knockouts

COVERS:

- Flat covers are provided with key holes for rapid removal from box without removing screws.
- Flush mount covers also available.

NEMA Type 1 and Type 3R Knock Out Patterns





NEMA TYPE 1 SCREW COVER ENCLOSURES WITH K.O.

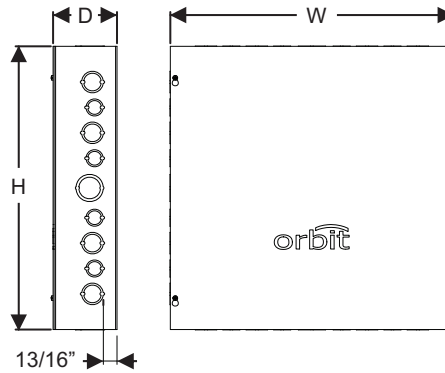
PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box



Cat. No.	Enclosure Size (Inches)			K.O. Pattern		Std. Pkg.
	Width (W)	Height (H)	Depth (D)	A (Top & Bottom)	B (Left & Right)	
444	4	4	4	B-C	B-C	6
464	4	6	4	B-C	B-C-D	6
664	6	6	4	B-C-D	B-C-D	6
666	6	6	6	B-C-D	B-C-D	6
884	8	8	4	F-G-H-I	F-G-H-I	6
886	8	8	6	F-G-H-I	F-G-H-I	4
10104	10	10	4	C-D-E-F-G	F-G-H-I	4
10106	10	10	6	C-D-E-F-G	F-G-H-I	4
12124	12	12	4	C-D-E-F-G	C-D-E-F-G	2
12126	12	12	6	C-D-E-F-G	C-D-E-F-G	2
12128	12	12	8	C-D-E-F-G	C-D-E-F-G	1
12186	12	18	6	C-D-E-F-G	A-B-C-D-E-F-G-H-I	1
16164	16	16	4	B-C-D-E-F-G-H	B-C-D-E-F-G-H	1
16166	16	16	6	B-C-D-E-F-G-H	B-C-D-E-F-G-H	1
16168	16	16	8	B-C-D-E-F-G-H	B-C-D-E-F-G-H	1
18184	18	18	4	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
18186	18	18	6	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
18188	18	18	8	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
24244	24	24	4	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
24246	24	24	6	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
24248	24	24	8	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1

Subject to change without notice.



NEMA TYPE 1 SCREW COVER ENCLOSURES WITHOUT K.O.

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box



Cat. No.	Enclosure Size (Inches)			Std. Pkg.
	Width (W)	Height (H)	Depth (D)	
444NK	4	4	4	6
464NK	4	6	4	6
664NK	6	6	4	6
666NK	6	6	6	6
884NK	8	8	4	6
886NK	8	8	6	4
10104NK	10	10	4	4
10106NK	10	10	6	4
12124NK	12	12	4	2
12126NK	12	12	6	2
12128NK	12	12	8	1
12186NK	12	18	6	1
16164NK	16	16	4	1
16166NK	16	16	6	1
16168NK	16	16	8	1
18184NK	18	18	4	1
18186NK	18	18	6	1
18188NK	18	18	8	1
24244NK	24	24	4	1
24246NK	24	24	6	1
24248NK	24	24	8	1

Subject to change without notice.

Note: Other size & finishes are available by special order upon request.
Contact Orbit Representative for more information.

NEMA 3R SCREW COVER ENCLOSURES WITH K.O.

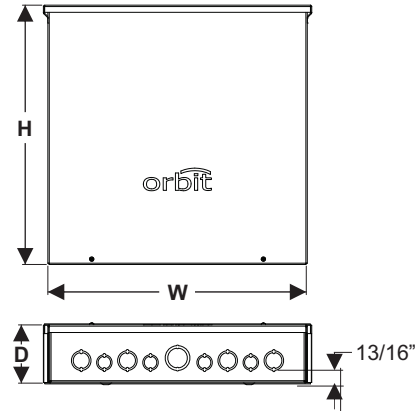
PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box
- ▶ With Padlock Hasp



Cat. No.	Body Style	Enclosure Size (Inches)			K.O. Pattern (Bottom)	Std. Pkg.
		Width (W)	Height (H)	Depth (D)		
444R	A	4	4	4	B-C	6
464R	A	4	6	4	B-C	6
664R	A	6	6	4	B-C-D	6
666R	A	6	6	6	B-C-D	6
884R	A	8	8	4	F-G-H-I	6
886R	A	8	8	6	F-G-H-I	4
10104R	A	10	10	4	C-D-E-F-G	4
10106R	A	10	10	6	C-D-E-F-G	4
12124R	A	12	12	4	C-D-E-F-G	2
12126R	A	12	12	6	C-D-E-F-G	2
12128R	A	12	12	8	C-D-E-F-G	1
12186R	A	12	18	6	C-D-E-F-G	1
16164R	B	16	16	4	B-C-D-E-F-G-H	1
16166R	B	16	16	6	B-C-D-E-F-G-H	1
16168R	B	16	16	8	B-C-D-E-F-G-H	1
18184R	B	18	18	4	A-B-C-D-E-F-G-H-I	1
18186R	B	18	18	6	A-B-C-D-E-F-G-H-I	1
18188R	B	18	18	8	A-B-C-D-E-F-G-H-I	1
24244R	B	24	24	4	A-B-C-D-E-F-G-H-I	1
24246R	C	24	24	6	A-B-C-D-E-F-G-H-I	1
24248R	C	24	24	8	A-B-C-D-E-F-G-H-I	1

Subject to change without notice.



NEMA 3R SCREW COVER ENCLOSURES WITHOUT K.O.

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box
- ▶ With Padlock Hasp



Cat. No.	Body Style	Enclosure Size (Inches)			Std. Pkg.
		Width (W)	Height (H)	Depth (D)	
444RNK	A	4	4	4	6
464RNK	A	4	6	4	6
664RNK	A	6	6	4	6
666RNK	A	6	6	6	6
884RNK	A	8	8	4	6
886RNK	A	8	8	6	4
10104RNK	A	10	10	4	4
10106RNK	A	10	10	6	4
12124RNK	A	12	12	4	2
12126RNK	A	12	12	6	2
12128RNK	A	12	12	8	1
12186RNK	A	12	18	6	1
16164RNK	B	16	16	4	1
16166RNK	B	16	16	6	1
16168RNK	B	16	16	8	1
18184RNK	B	18	18	4	1
18186RNK	B	18	18	6	1
18188RNK	B	18	18	8	1
24244RNK	B	24	24	4	1
24246RNK	C	24	24	6	1
24248RNK	C	24	24	8	1

Subject to change without notice.



File E331152



Note: Other size & finishes are available by special order upon request.
Contact Orbit Representative for more information.

www.orbitelectric.com



B3 | Specialty Enclosures



NEMA TYPE1 12" X 12" ENCLOSURE WITH SPECIALTY K.O.'S

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box
- ▶ **12124-50:** 1" distance from back of box to bottom of K.O.
- ▶ **12124-850:** 3/8" distance from back of box to bottom of K.O.

Cat. No.	Enclosure Size (Inches)			Knockouts		Std. Pkg.
	Width	Height	Depth	Sides	Bottom	
12124-50 <small>NEW</small>	12"	12"	4"	20 - 1/2"	1 - 1" & 1-1/4" CKO	2
12124-850 <small>NEW</small>	12"	12"	4"	32 - 1/2"	1 - 1" & 1-1/4" CKO	2

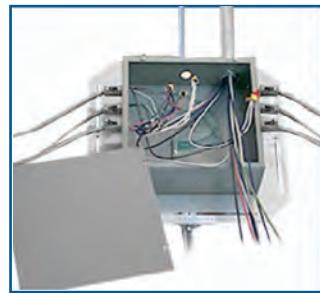
NEMA Enclosures



12124-50



12124-850



Shown installed to BCHS-12, MC cables connected to 1/2" K.O.s



Shown fabricated to lighting panel, used as pull box



Shown fabricated with pre-wired lighting relay devices, ready-to-install

TRUE 5" SQUARE BOXES

WELDED

3-1/4" DEEP

71.8 Cu. In.

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ More than double the capacity compared to 4" square boxes
- ▶ 16 Gauge Sheet Steel
- ▶ Pair 4" rings with 5" box via UMA-LVBS bracket or T5R Reducer

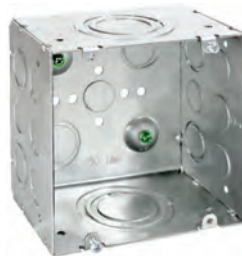
Video Available On Our Website! **PATENTED**



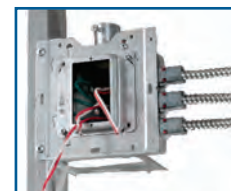
T5B-50/200 can replace 6" x 6" NEMA enclosures as a go-to solution for "home run" boxes! (No need to manually punch KOs)

ORBIT INDUSTRIES EXCLUSIVE

Cat. No.	Enclosure Size (Inches)			Knockouts		Std. Pkg.
	Width	Height	Depth	Sides	Bottom	
T5B-50/200	5	5	3 - 1/4	8 - 1/2" 2 - 1" to 2" CKO 4 - 1/2" & 3/4" CKO	1 - 1/2" 1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO	12



T5B-50/200 shown installed to BCHS-6S in open ceiling, used as a home run box



Shown installed to UMA-LVBS* attached direct-to-stud, used as a home run box
(* Permits use of 4" rings with 5" box)

PROFAB
ENGINEERED ELECTRICAL SYSTEMS

For more information on Orbit's Engineered Electrical Systems. Email: info@orbitprofab.com



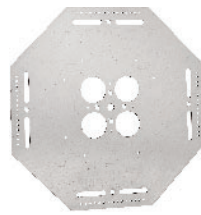
A Division of **orbit.**

BOX AND CONDUIT HANGER SUPPORT PLATES

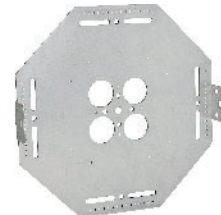
PRODUCT FEATURES

- ▶ Support suspended boxes and multiple conduit installations with one piece of all-thread as opposed to multiple pieces of rod
- ▶ Pin holes and slots allow for use of conduit straps
- ▶ Stamped markings provide guidelines for box placement. Boxes can be placed in any location on plate.
- ▶ Pre-Galvanized 15 Gauge Steel Self-reinforcing as more conduit is added
- ▶ Easy to preassemble to save time and material
- ▶ **BCHS-6S & BCCHS-8S** contains offset for use of one-hole straps in place of traditional pipe hangers
- ▶ **BCCHS-12** pairs well with Orbit Exclusive 12124-50 & 12124-850

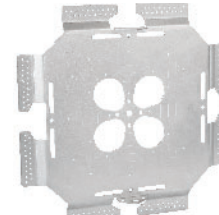
Cat. No.	Description	Std. Pkg.
BCCHS-10	Fits up to 6" x 6" Box or multiple smaller boxes for horizontal mounting	25
BCCHS-6	Fits up to 6" x 6" Box or multiple smaller boxes for horizontal mounting and provides bent tabs for vertical mounting	10
BCCHS-6S	Fits up to 8" x 8" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCCHS-8S <small>NEW</small>	Fits up to 8" x 8" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCCHS-12	Fits up to 12" x 12" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting	5



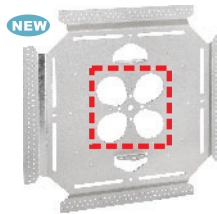
BCCHS-10



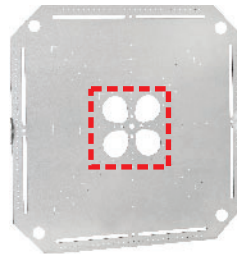
BCCHS-6



BCCHS-6S



BCCHS-8S



BCCHS-12

Updated Design with Larger Openings to pair with boxes with larger back K.O.'s such as 5" sq. boxes or 12124-50 & 12124-850!

PATENTED

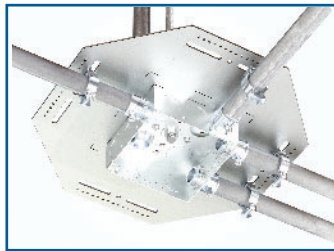
ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

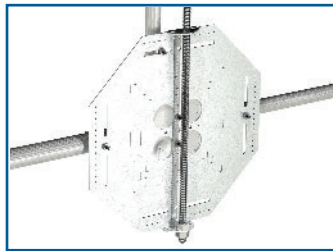
Use One Rod to Mount Multiple Boxes and Conduits

INSTALLATION



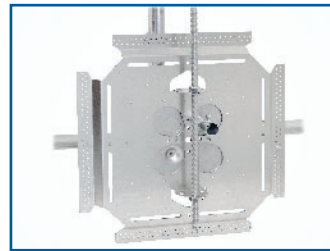
BCCHS-10

Horizontally mount boxes up to 6" x 6"



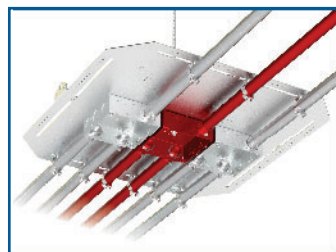
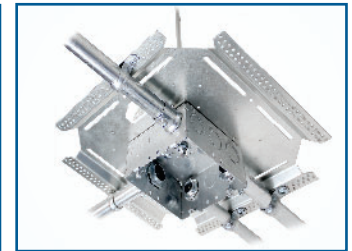
BCCHS-6

Horizontally or vertically mount boxes up to 6" x 6"



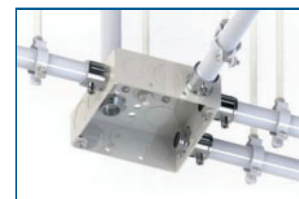
BCCHS-8S

Horizontally or vertically mount boxes up to 8" x 8" and allows for the use of one-hole straps



BCCHS-12

Fits multiple boxes for multi-system installations or up to 12" x 12" NEMA Enclosures



TRADITIONAL METHOD

Use one threaded rod with Orbit's BCCHS Series, instead of measuring and cutting five pieces of threaded rod for traditional application.





SINGLE RESIDENCE SERVICE ENCLOSURES

PRODUCT FEATURES

- ▶ 18 GA Galvanized Steel
- ▶ Captive Cover Screws
- ▶ Screw/Nail holes on sides
- ▶ Open back to simplify splitter mounting and connection before installation of service box

Cat. No.	Features	Dimension (Excluding Bracket)				Std. Color	Std. Pkg.
		Width	Height	Depth	Cu. In.		
UM900	Blank	3-3/4"	7"	2"	52.5	Beige	20
UM900-TV	With embossed "TELEVISION" text	3-3/4"	7"	2"	52.5	Beige	20
UM900-PH	With embossed "PHONE" text	3-3/4"	7"	2"	52.5	Beige	20
UM1020-TV	With embossed "TELEVISION" text	14-7/8"	4-5/8"	1-5/8"	111.8	Beige	10
UM1020-PH	With embossed "TELEPHONE" text & protector bracket	14-7/8"	4-5/8"	2-7/8"	197.8	Beige	10



UM900



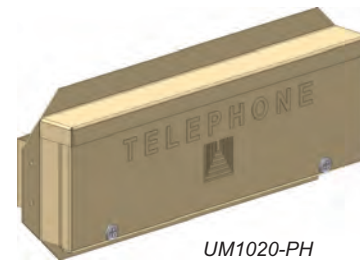
UM900-TV



UM900-PH



UM1020-TV



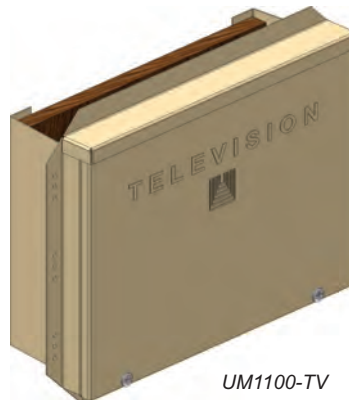
UM1020-PH

MODULAR INTERFACE SERVICE ENCLOSURES

PRODUCT FEATURES

- ▶ 18 GA Galvanized Steel
- ▶ 2 Captive Cover Screws
- ▶ 9 screw/nail holes on sides
- ▶ Plywood back to simplify protector mounting and connection before installation of service box

Cat. No.	Description	Dimension (Excluding Bracket)				Std. Color	Std. Pkg.
		Width	Height	Depth	Cu. In.		
UM1100-TV	With embossed "TELEVISION" text & Plywood back bracket	14-7/8"	11"	4-7/8"	797.6	Beige	5
UM1100-PH-GB	With embossed "TELEPHONE" text & Plywood back bracket With Installed Ground Bar	14-7/8"	11"	4-7/8"	797.6	Beige	5



UM1100-TV



UM1100-PH-GB

COMMUNICATIONS / FIBER OPTICS SERVICE ENCLOSURES

PRODUCT FEATURES

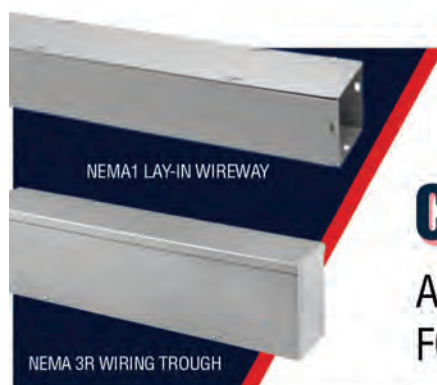
- ▶ 18 GA Galvanized Steel
- ▶ 4 Captive Cover Screws
- ▶ 24 screw/nail holes on sides
- ▶ Plywood back to simplify protector mounting and connection before installation of service box
- ▶ Plywood back bracket & grounding lug assembly
- ▶ The UM1400D is ETL listed according to UL standard UL514A and designed to meet NEMA 3R specifications

Cat. No.	Description	Dimension (Excluding Bracket)				Std. Color	Pkg.
		Width	Height	Depth	Cu. In.		
UM1400D	With embossed "COMMUNICATIONS"	14-7/8"	32"	6"	2856	Beige	1



UM1400D

NEMA Enclosures



NEMA1 LAY-IN WIREWAY

NEMA 3R WIRING TROUGH

NEMA 1 & 3R WIREWAY

COMING Q4 2023

A SAFE & ORGANIZED SOLUTION FOR CABLE MANAGEMENT!



END CAPS

CONNECTORS



File 3033655

www.orbitelectric.com



Orbit's wide selection of weatherproof products meet the latest standards, offering the most protection for outdoor corrosive locations. Featuring products with a die cast metal construction and premium powder coat finish, our weatherproof products ensure devices are protected from the elements.

Extra Duty In-Use Weatherproof Covers | Pg. C1



EXCEEDS EXTRA DUTY REQUIREMENTS

Metallic and Non-Metallic Extra Duty In-Use Weatherproof Covers provide devices with protection against outdoor elements while still maintaining ease of access. Each cover features multiple device configurations to suit any application and are constructed to meet the NEC Code for "Extra Duty".

Field Modifiable Weatherproof Boxes | Pg. C8



PUT KNOCKOUTS WHERE YOU NEED THEM

Field Modifiable Weatherproof Boxes allow installers to drill a KO along the edge of the box by simply using a circle drill. Embossed guidelines assist with positioning. Boxes can be used with existing device covers making them a must-have on every Service Truck!

EXTRA DUTY IN-USE COVERS WITH INTERCHANGEABLE INSERTS

PRODUCT FEATURES

- ▶ Gray finish
- ▶ Clean installation with no break-off parts
- ▶ **Non-Metallic:**
Impact-Resistant Thermoplastic
- ▶ **Metallic:**
Heavy-Duty Die Cast Metal
- ▶ Pad lockable design
- ▶ Pre-installed Adhesive Gasket
- ▶ Extra large cord opening with rubber flaps that minimize debris
- ▶ Complies with NEC Article 406.9 (A)(B)(1)(2) for "EXTRA DUTY" & damp and wet locations (for more information see Section W)

Easy-to-Assemble Building-Block Style Adapters Accommodate a Wide Range of Wiring Devices



1-Gang Models Include:

- 1 x Toggle Switch
- 1 x Duplex Receptacle
- 1 x GFCI/Decorative
- 1 x 1-3/8"
- 1 x 1-9/16"~1-5/8"
- 1 x 1-11/16"
- 1 x 2-1/8"

2-Gang Models Include:

- 2 x Toggle Switch
- 2 x Duplex Receptacle
- 2 x GFCI/Decorative
- 2 x 1-3/8"
- 3 x 1-9/16"~1-5/8"
- 1 x 1-11/16"
- 1 x 2-1/8"
- 1 x 2-5/8"

Cat. No.	Description	Std. Pkg.
WIU-1U-ED	1-Gang Universal, Non-Metallic, 2-3/4" Deep	8
WIU-1UD-ED	1-Gang Universal, Non-Metallic, 3-1/2" Deep	8
WIUM-1DV	1-Gang Vertical, Metallic, 2-3/4" & 4", Multi Depth	10
WIUM-1DH	1-Gang Horizontal, Metallic, 2-3/4" & 3-1/2", Multi Depth	10
WIU-2UD-ED	2-Gang, Non-Metallic, 3-1/2" Deep	6
WIUM-2U	2-Gang, Metallic, 3-1/4" & 4-1/2", Multi Depth	10

14 IN 1



WIU-1U-ED

2-3/4" Deep

WIU-1UD-ED

3-1/2" Deep

7 IN 1



WIUM-1DV (Metal)

Expands 2-3/4" & 4"

WIUM-1DH (Metal)

Expands 2-3/4" & 3-1/2"

31 IN 1



WIU-2UD-ED

3-1/2" Deep

WIUM-2U (Metal)

Expands 3-1/4" & 4-1/2"

Weatherproof



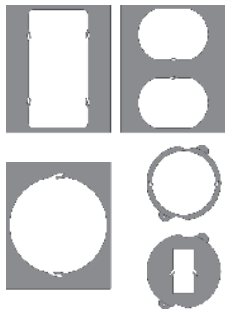
UNIVERSAL DEVICE COVERS

PRODUCT FEATURES

- ▶ Clean installation with no break-off parts
- ▶ Heavy-Duty Die-Cast Metal with Polycarbonate Inserts
- ▶ Pad lockable design
- ▶ Pre-installed Adhesive Gasket
- ▶ Meets NEC Article 406.9 (A) for damp and wet locations (for more information see Section W)

Weatherproof

Easy-to-Assemble Building-Block Style Adapters Accommodate a Wide Range of Wiring Devices



1C-U Includes:
 1 x Toggle Switch
 1 x Duplex Receptacle
 1 x GFCI/Decorative
 1 x 1-3/8"
 1 x 1-9/16"-1-5/8"

2C-U Includes:
 2 x Toggle Switch
 2 x Duplex Receptacle
 2 x GFCI/Decorative
 2 x 1-3/8"

3C-U Includes:
 3 x Toggle Switch
 3 x Duplex Receptacle
 3 x GFCI/Decorative
 3 x 1-3/8"

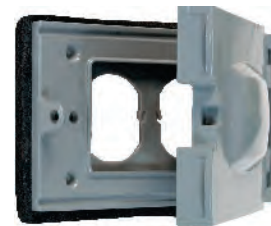


Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		Gray	Bronze	White	
1C-U	1-Gang	1C-U	1C-U-BR	1C-U-W	25
2C-U	2-Gang	2C-U	2C-U-BR	2C-U-W	12
3C-U	3-Gang	3C-U	-	-	10

5 IN 1



1C-U



Install Vertically or Horizontally

16 IN 1



2C-U

64 IN 1



3C-U

1-GANG BLANK AND DEVICE COVERS

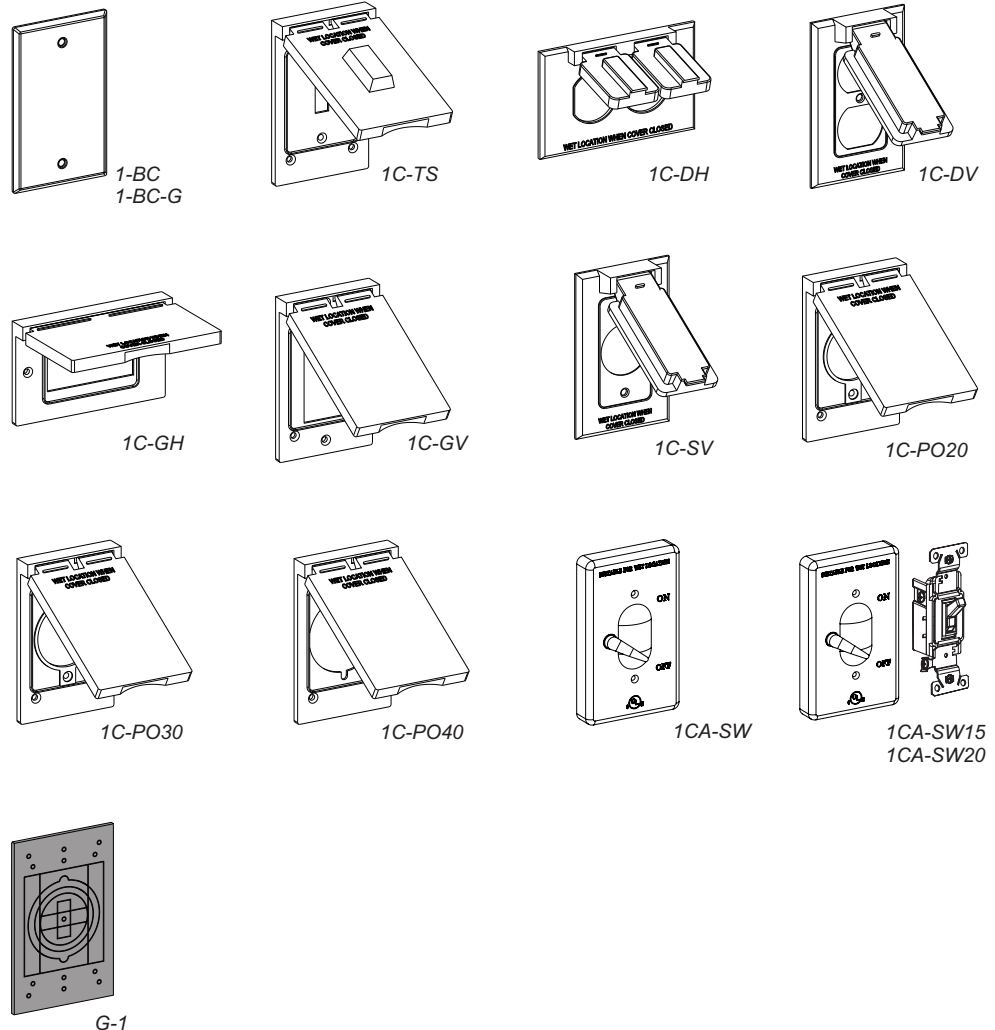
2-3/4" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Zinc Die Cast (Except 1-BC, 1-BC-G, & 1CA-SW)
- ▶ Gasket included
- ▶ Device mounted
- ▶ Meets NEC Article 406.9 (A) for damp and wet locations (for more information see Section W)

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		Gray	Bronze	White	
1-BC	Aluminum Blank (Unpainted)	1-BC	-	-	50
1-BC-G	Heavy-Duty Galvanized Steel Blank	1-BC-G	1-BC-BR	1-BC-W	50
1C-TS	Toggle Switch	1C-TS	1C-TS-BR	1C-TS-W	25
1C-DH	Duplex/Combo. Device - Horizontal	1C-DH	1C-DH-BR	1C-DH-W	25
1C-DV	Duplex/Combo. Device - Vertical	1C-DV	1C-DV-BR	1C-DV-W	25
1C-GH	GFCI - Horizontal	1C-GH	1C-GH-BR	1C-GH-W	25
1C-GV	GFCI - Vertical	1C-GV	1C-GV-BR	1C-GV-W	25
1C-SV	Single recept. or Switch Vertical 1.406" Diameter	1C-SV	1C-SV-BR	1C-SV-W	25
1C-PO20	20A Power Outlet - 1.594" Diameter	1C-PO20	-	-	25
1C-PO30	30A Power Outlet - 1.750" Diameter	1C-PO30	-	-	25
1C-PO40	40-50A Power Outlet - 2.281" Diameter	1C-PO40	-	-	25
1CA-SW	Aluminum Lever, compatible with Standard Toggle Switches (not included)	1CA-SW	1CA-SW-BR	1CA-SW-W	25
1CA-SW15	Aluminum Lever & 15A Single-Pole Switch	1CA-SW15	1CA-SW15-BR	1CA-SW15-W	25
1CA-SW20	Aluminum Lever & 20A Single-Pole Switch	1CA-SW20	1CA-SW20-BR	1CA-SW20-W	25
G-1	Universal 1-Gang Foam Gasket	G-1 (Black only)			50

Weatherproof



C4 | Weatherproof Covers



Weatherproof

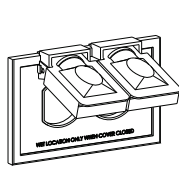
PLASTIC 1-GANG DEVICE COVERS

2-3/4" W x 4-1/2" H

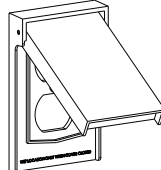
PRODUCT FEATURES

- ▶ Polycarbonate Composite
- ▶ Gasket included
- ▶ Device mounted
- ▶ Meets NEC Article 406.9 (A) for damp and wet locations (for more information see Section W)

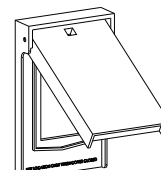
Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.
		Gray	White	
1CP-DH	Duplex/Combo. Device - Horizontal	1CP-DH	1CP-DH-W	20
1CP-DV	Duplex/Combo. Device - Vertical	1CP-DV	1CP-DV-W	20
1CP-GV	GFCI - Vertical	1CP-GV	1CP-GV-W	20



1CP-DH



1CP-DV



1CP-GV

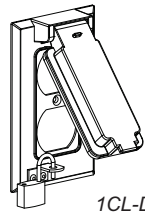
1-GANG DEVICE COVERS WITH PADLOCK HASP

2-3/4" W x 4-1/2" H

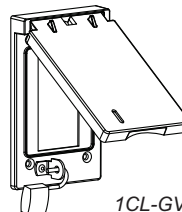
PRODUCT FEATURES

- ▶ Zinc Die Cast
- ▶ Gasket included
- ▶ Padlock not included

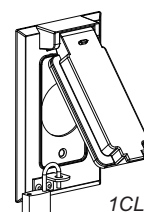
Cat. No.	Description	Std. Pkg.
1CL-DV	Duplex/Combo. Device - Vertical, Device Mounted	25
1CL-GV	GFCI - Vertical, Box Mounted	25
1CL-SV	Single recept. or Switch Vertical - 1.406" Diameter, Device Mounted	25



1CL-DV



1CL-GV



1CL-SV

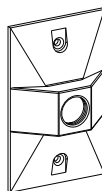
1-GANG RAISED COVERS

2-7/8" W x 4-5/8" H

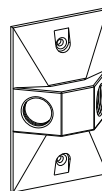
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Gasket included
- ▶ Closure Plugs included (except RE-1, see website for details)

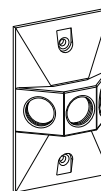
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Std. Pkg.
			Gray	Bronze	White	
RE-1	1	1/2"	RE-1	RE-1-BR	RE-1-W	25
RE-2	2	1/2"	RE-2	RE-2-BR	RE-2-W	25
RE-3	3	1/2"	RE-3	RE-3-BR	RE-3-W	25



RE-1



RE-2



RE-3

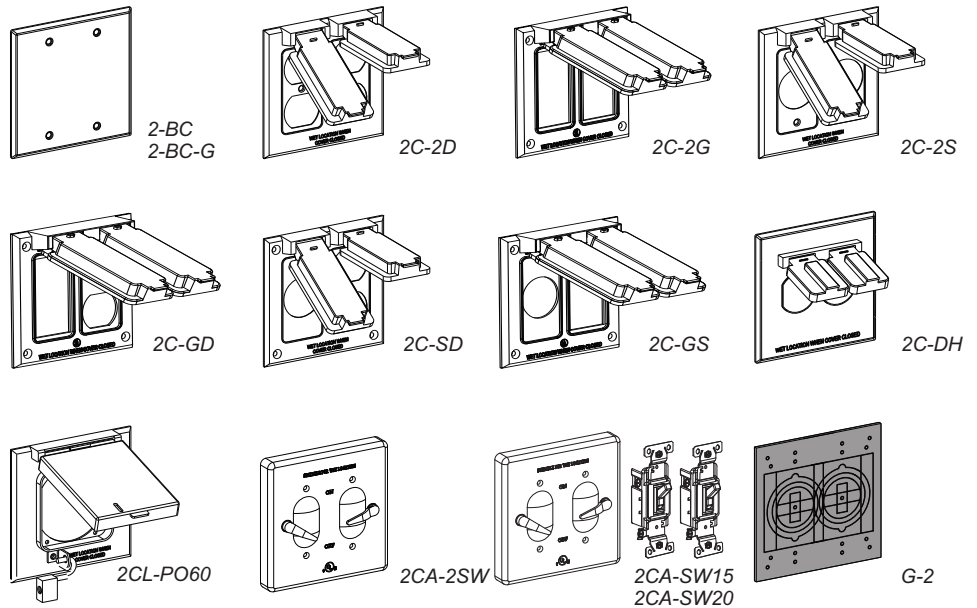
2-GANG BLANK AND DEVICE COVERS

4-9/16" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Zinc Die Cast (Except 2-BC, 2-BC-G, 2CA-2SW, 2CA-SW15 & 2CA-SW20)
- ▶ Powder Coat Finish
- ▶ Gasket Included
- ▶ Device mounted:
2C-2D, 2C-2S, 2C-DH, 2CL-PO60, 2CA-2SW, 2CA-SW15, 2CA-SW20
- ▶ Box mounted:
2-BC, 2-BC-G, 2C-2G, 2C-GD, 2C-SD, 2C-GS, 2C-2SW
- ▶ Meets NEC Article 406.9 (A) for and wet locations (for more information see Section W)

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		Gray	Bronze	White	
2-BC	Aluminum Blank (unpainted)	2-BC	-	-	25
2-BC-G	Heavy-Duty Galvanized Steel Blank	2-BC-G	2-BC-BR	2-BC-W	25
2C-2D	Two duplex receptacles	2C-2D	2C-2D-BR	2C-2D-W	12
2C-2G	Two GFCI	2C-2G	2C-2G-BR	2C-2G-W	12
2C-2S	Single recept. or Two switches - 1.406" diameter	2C-2S	2C-2S-BR	2C-2S-WH	12
2C-GD	One GFCI, One Duplex	2C-GD	-	-	12
2C-SD	One Duplex, One Single recept. - 1.406" diameter	2C-SD	-	-	12
2C-GS	One GFCI, one switch or Single recept. - 1.406" diameter	2C-GS	-	-	12
2C-DH	Oversized One Duplex - Horizontal device mount unit has K.O.'s for box mounting	2C-DH	-	-	12
2CL-PO60	One 30, 50, 60 Amp 3 & 4 Wire With Built-In Padlock Hasp (Padlock not included) - 2.641" diameter	2CL-PO60	-	-	12
2CA-2SW	Two Aluminum Levers, compatible with Standard Toggle Switches (not included)	2CA-2SW	2CA-2SW-BR	2CA-2SW-W	12
2CA-SW15	Two levers & Two 15A Single-Pole Switches	2CA-SW15	2CA-SW15-BR	2CA-SW15-W	12
2CA-SW20	Two levers & Two 20A Single-Pole Switches	2CA-SW20	2CA-SW20-BR	2CA-SW20-W	12
G-2	Universal 2-Gang Foam Gasket	G-2 (Black Only)			50



3-GANG BLANK AND DEVICE COVERS

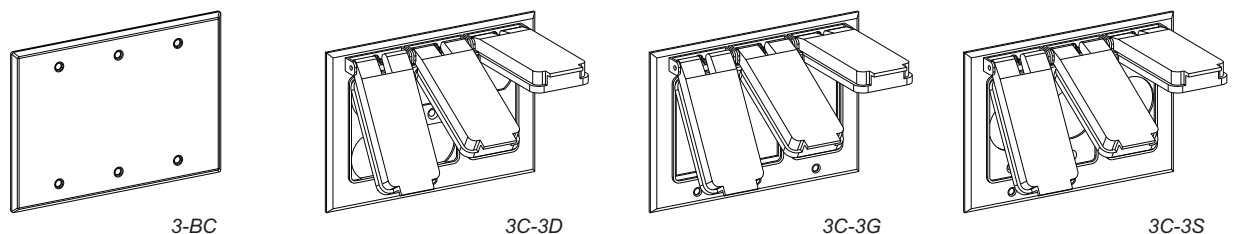
6-3/8" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Zinc Die Cast
- ▶ Gray Powder Coat Finish
- ▶ Gasket Included
- ▶ Device mounted

Cat. No.	Description	Std. Pkg.
3-BC	Aluminum Blank	10
*3C-3D	Three Duplex receptacles	20
*3C-3G	Three GFCI	20
*3C-3S	Three Single recept. or Switches - 1.406" Diameter	20

*While Supplies Last - Superseded by Universal Covers, pg. C2



C6 | Weatherproof Boxes



1-GANG BOXES 2" DEEP

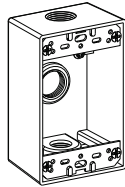
2-3/4" W x 4-1/2" H

PRODUCT FEATURES

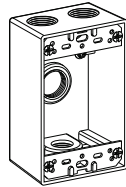
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Closure Plugs included (see website for details)
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



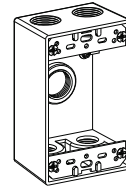
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Cu. Inch	Std. Pkg.
			Gray	Bronze	White		
1B50-3	3	1/2"	1B50-3	1B50-3-BR	1B50-3-W	18.3	20
1B50-4	4	1/2"	1B50-4	1B50-4-BR	1B50-4-W	18.3	20
1B50-5	5	1/2"	1B50-5	1B50-5-BR	1B50-5-W	18.3	20
1B50-5X	5	1/2"	1B50-5X	-	-	18.3	20
1B75-3	3	3/4"	1B75-3	1B75-3-BR	1B75-3-W	18.3	20
1B75-4	4	3/4"	1B75-4	1B75-4-BR	1B75-4-W	18.3	20
1B75-5	5	3/4"	1B75-5	1B75-5-BR	1B75-5-W	18.3	20
1B75-5X	5	3/4"	1B75-5X	-	-	18.3	20
1B100-3	3	1"	1B100-3	-	-	18.3	20



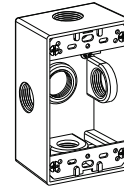
1B50-3
1B75-3
1B100-3



1B50-4
1B75-4



1B50-5
1B75-5



1B50-5X
1B75-5X

1-GANG DEEP BOXES 2-5/8" DEEP

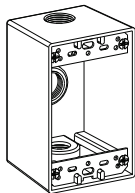
2-3/4" W x 4-1/2" H

PRODUCT FEATURES

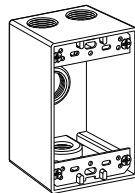
- ▶ Gray Finish
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Closure Plugs included (see website for details)
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



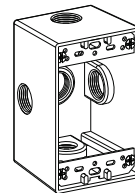
Cat. No.	Outlet Holes	Hole Size	Cu. Inch	Std. Pkg.
1DB50-3	3	1/2"	23.8	12
1DB50-4	4	1/2"	23.8	12
1DB50-5X	5	1/2"	23.8	12
1DB75-3	3	3/4"	23.8	12
1DB75-4	4	3/4"	23.8	12
1DB75-5X	5	3/4"	23.8	12
1DB100-3	3	1"	23.8	12
1DB100-5X	5	1"	23.8	12



1DB50-3
1DB75-3
1DB100-3



1DB50-4
1DB75-4



1DB50-5X
1DB75-5X
1DB100-5X

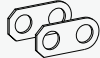
Weatherproof

2-GANG BOXES 2" DEEP

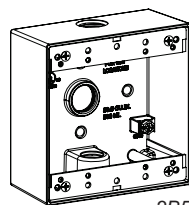
4-9/16" W x 4-1/2" H

PRODUCT FEATURES

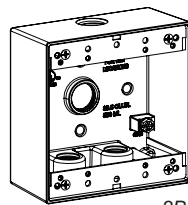
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Closure Plugs included (see website for details)
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



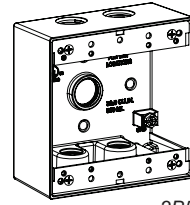
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Cu. Inch	Std. Pkg.
			Gray	Bronze	White		
2B50-3	3	1/2"	2B50-3	2B50-3-BR	2B50-3-W	30.5	12
2B50-4	4	1/2"	2B50-4	-	-	30.5	12
2B50-5	5	1/2"	2B50-5	2B50-5-BR	2B50-5-W	30.5	12
2B50-5X	5	1/2"	2B50-5X	-	-	30.5	12
2B50-6X	6	1/2"	2B50-6X	-	-	30.5	12
2B50-7	7	1/2"	2B50-7	-	-	30.5	12
2B50-7X	7	1/2"	2B50-7X	-	-	30.5	12
2B50-9	9	1/2"	2B50-9	-	-	30.5	12
2B75-3	3	3/4"	2B75-3	2B75-3-BR	2B75-3-W	30.5	12
2B75-4	4	3/4"	2B75-4	-	-	30.5	12
2B75-5	5	3/4"	2B75-5	2B75-5-BR	2B75-5-W	30.5	12
2B75-5X	5	3/4"	2B75-5X	-	-	30.5	12
2B75-6X	6	3/4"	2B75-6X	-	-	30.5	12
2B75-7	7	3/4"	2B75-7	-	-	30.5	12
2B75-7X	7	3/4"	2B75-7X	-	-	30.5	12
2B75-9	9	3/4"	2B75-9	-	-	30.5	12
2B100-3	3	1"	2B100-3	2B100-3-BR	2B100-3-W	30.5	12
2B100-4	4	1"	2B100-4	-	-	30.5	12
2B100-5X	5	1"	2B100-5X	-	-	30.5	12



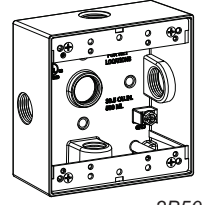
2B50-3
2B75-3
2B100-3



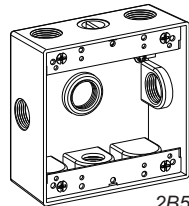
2B50-4
2B75-4
2B100-4



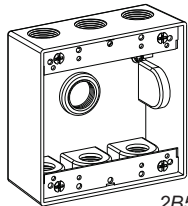
2B50-5
2B75-5



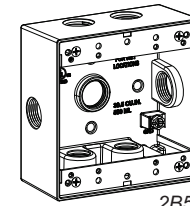
2B50-5X
2B75-5X
2B100-5X



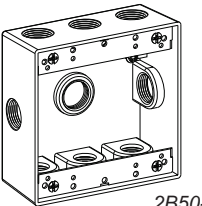
2B50-6X
2B75-6X



2B50-7
2B75-7



2B50-7X
2B75-7X



2B50-9
2B75-9

2-GANG DEEP BOXES 2-5/8" DEEP

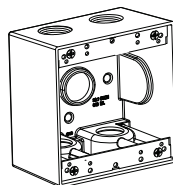
4-9/16" W x 4-1/2" H

PRODUCT FEATURES

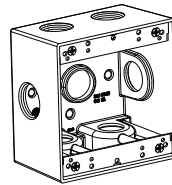
- ▶ Gray Finish
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Closure Plugs included (see website for details)
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



Cat. No.	Outlet Holes	Hole Size	Cu. Inch	Std. Pkg.
2DB50-5	5	1/2"	39.1	9
2DB75-5	5	3/4"	39.1	9
2DB100-5	5	1"	39.1	9
2DB75-7X	7	3/4"	39.1	9
2DB100-7X	7	1"	39.1	9



2DB50-5
2DB75-5
2DB100-5



2DB75-7X
2DB100-7X



File E227970

C8 | Weatherproof Boxes



3-GANG DEEP BOX 2-5/8" DEEP

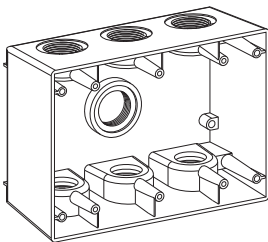
6-3/8" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Closure Plugs included (see website for details)
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
3DB50-7	7	1/2"	54.0	10
3DB75-7	7	3/4"	54.0	10
3DB100-7	7	1"	54.0	10



3DB50-7
3DB75-7
3DB100-7

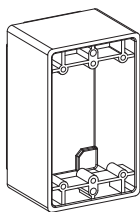
PLASTIC MODIFIABLE WEATHERPROOF BOXES

PRODUCT FEATURES

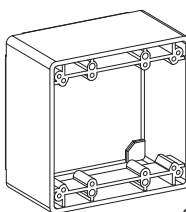
- ▶ Patented design
- ▶ Field-Modifiable Box
- ▶ Embossed Guidelines for hole positioning
- ▶ Make hole anywhere
- ▶ Use with any device cover
- ▶ (2) 1/2" and (2) 3/4" Locknuts included
- ▶ Lugs Included



Cat. No.	No. of Gangs	Depth	Dimension W x H	Cubic Inch	Color (Cat. No. - Color Code)		Std. Pkg.
					Gray	White	
1PB	1	2-5/16"	2-13/16" x 4-5/8"	22.5	1PB-G	1PB-W	25
2PB	2	2-9/16"	4-9/16" x 4-9/16"	42.5	2PB-G	2PB-W	25



1PB



2PB

**1 BOX
DOES IT ALL!**

PATENTED

**ORBIT INDUSTRIES
EXCLUSIVE**



PLASTIC BLANK COVER WITH GASKET

PRODUCT FEATURES

- ▶ Use with 1PB or 2PB

PATENTED

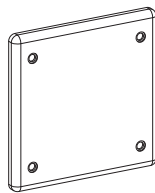
**ORBIT INDUSTRIES
EXCLUSIVE**



Cat. No.	No. of Gangs	Dimension W x H	Color (Cat. No. - Color Code)		Std. Pkg.
			Gray	White	
1PC	1	3" x 4-3/4"	1PC-G	1PC-W	25
2PC	2	4-3/4" x 4-3/4"	2PC-G	2PC-W	25



1PC



2PC

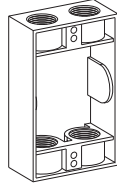
1-GANG EXTENSION RINGS 1" DEEP

2-3/4" W x 4-1/2" H

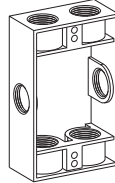
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Closure Plugs included (except EXR-1, see website for details)
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging

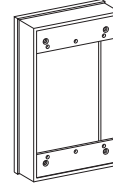
Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
EXB50-4	4	1/2"	9.5	12
EXB50-6	6	1/2"	9.5	12
EXB75-4	4	3/4"	9.5	12
EXB75-6	6	3/4"	9.5	12
EXR-1	-	-	10.0	24



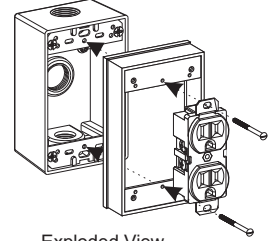
EXB50-4
EXB75-4



EXB50-6
EXB75-6



EXR-1



Exploded View,
EXR-1 Shown Installed

Weatherproof

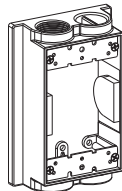
1-GANG FLANGED EXTENSION BOXES 1-1/2" DEEP

3-1/2" W x 5-1/4" H

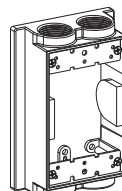
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Closure Plugs included (see website for details)
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging

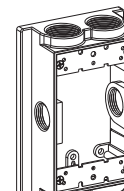
Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
EXF50-2	2	1/2"	13.5	10
EXF50-4	4	1/2"	13.5	10
EXF50-6	6	1/2"	13.5	10
EXF75-2	2	3/4"	13.5	10
EXF75-4	4	3/4"	13.5	10
EXF75-6	6	3/4"	13.5	10



EXF50-2
EXF75-2



EXF50-4
EXF75-4



EXF50-6
EXF75-6

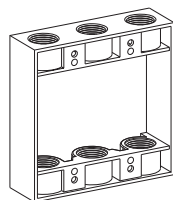
2-GANG EXTENSION RINGS 1" DEEP

4-9/16" W x 4-1/2" H

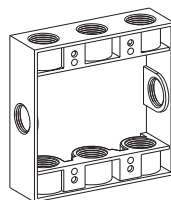
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Closure Plugs included (except EXR-2, see website for details)
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging

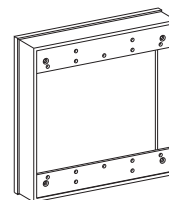
Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
2EXB50-6	6	1/2"	15.0	9
2EXB75-6	6	3/4"	15.0	9
2EXB50-8	8	1/2"	15.0	9
2EXB75-8	8	3/4"	15.0	9
EXR-2	-	-	16.3	12



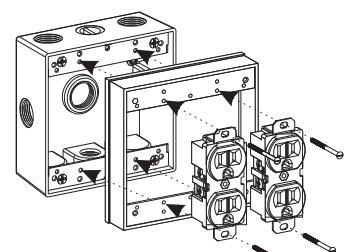
2EXB50-6
2EXB75-6



2EXB50-8
2EXB75-8



EXR-2



Exploded View,
EXR-2 Shown Installed



File E227970

www.orbitelectric.com



C10 | Round Boxes, Extension Rings & Covers



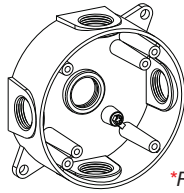
4" ROUND BOXES & EXTENSION RINGS

1-1/2" Deep

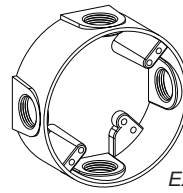
PRODUCT FEATURES

- ▶ Die Cast Aluminum
- ▶ Closure Plugs included (except EXR-R, see website for details)
- ▶ #10-24 mounting screws and ground screw included
- * For Fixture/Luminaire Support of 50lbs or less

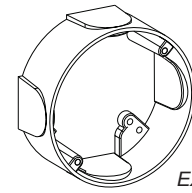
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Cu. Inch	Std. Pkg.
			Gray	Bronze	White		
*RB50-5	5	1/2"	RB50-5	RB50-5-BR	RB50-5-W	15.8	16
*RB75-5	5	3/4"	RB75-5	-	-	15.8	16
EXR50-4	4	1/2"	EXR50-4	-	-	19.0	16
EXR75-4	4	3/4"	EXR75-4	-	-	19.0	16
EXR-R	-	-	EXR-R	-	-	19.0	50



*RB50-5
*RB75-5



EXR50-4
EXR75-4



EXR-R

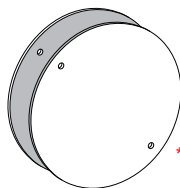
Weatherproof

4" ROUND COVERS

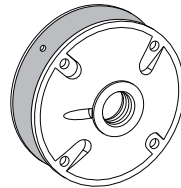
PRODUCT FEATURES

- ▶ Die Cast Aluminum
- ▶ Closure Plugs included (except RBC-4, RC-1, G-R, see website for details)
- ▶ Gasket Included
- ▶ #10-24 mounting screws included in covers
- * Stamped Aluminum, Natural Color

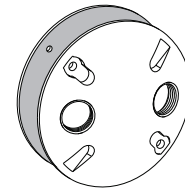
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)				Std. Pkg.
			Gray	Bronze	Black	White	
*RBC-4	-	-	-	-	-	-	25
RC-1	1	1/2"	RC-1	RC-1-BR	-	RC-1-W	25
RC-2	2	1/2"	RC-2	RC-2-BR	-	RC-2-W	25
RC-3D (Dome)	3	1/2"	RC-3D	-	-	-	25
RC-3	3	1/2"	RC-3	RC-3-BR	-	RC-3-W	25
G-R	Foam Gasket				G-R		25



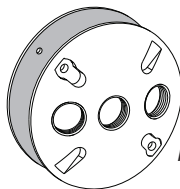
*RBC-4



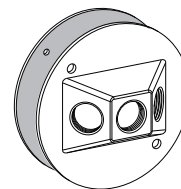
RC-1



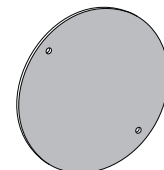
RC-2



RC-3D



RC-3



G-R

Can be mounted on a 3" Plaster Ring

1-GANG CAST DEVICE BOXES 2" DEEP

3" W x 6-1/10" H

PRODUCT FEATURES

- ▶ Malleable Iron
- ▶ Zinc Electroplated
- ▶ Dead End or Feed Through Configurations
- ▶ For both outdoor and indoor use

Cat. No.	Outlet Holes	Hole Size	Configuration	Std. Pkg.
1MFS-50	1	1/2"	Dead End	1
1MFS-75	1	3/4"	Dead End	1
1MFS-100	1	1"	Dead End	1
1MFSC-50	2	1/2"	Feed Through	1
1MFSC-75	2	3/4"	Feed Through	1
1MFSC-100	2	1"	Feed Through	1



1MFS



1MFSC

1-GANG DEEP CAST DEVICE BOXES 2-7/10" DEEP

3" W x 6-1/10" H

PRODUCT FEATURES

- ▶ Malleable Iron
- ▶ Zinc Electroplated
- ▶ Dead End or Feed Through Configurations
- ▶ For both outdoor and indoor use

Cat. No.	Outlet Holes	Hole Size	Configuration	Std. Pkg.
1MFD-50	1	1/2"	Dead End	1
1MFD-75	1	3/4"	Dead End	1
1MFD-100	1	1"	Dead End	1
1MFDC-50	2	1/2"	Feed Through	1
1MFDC-75	2	3/4"	Feed Through	1
1MFDC-100	2	1"	Feed Through	1



1MFD



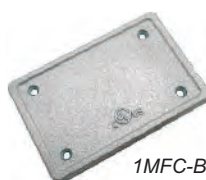
1MFDC

1-GANG CAST DEVICE BOX COVERS

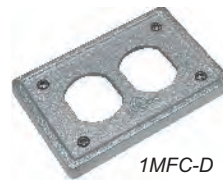
PRODUCT FEATURES

- ▶ Malleable Iron or Steel
- ▶ Zinc Electroplated
- ▶ For both with FS & FD Cast Device Boxes

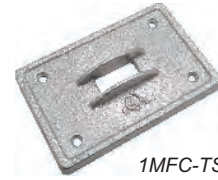
Cat. No.	Description	Std. Pkg.
1MFC-B	Blank, Malleable Iron	20
1MFC-D	Duplex, Malleable Iron	20
1MFC-TS	Guarded Toggle Switch, Malleable Iron	20
1SFC-B	Blank, Steel	25
1SFC-D	Duplex, Steel	25
1SFC-TS	Unguarded Toggle Switch, Steel	25
1SFC-G	GFI, Steel	25
FG-1	Gasket, Neoprene	50



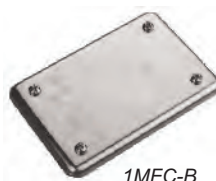
1MFC-B



1MFC-D



1MFC-TS



1MFC-B



1MFC-D



1MFC-TS



1MFC-G

Weatherproof



File E227970

C12 | Swimming Pool Junction Boxes



SWIMMING POOL JUNCTION BOXES

PRODUCT FEATURES

- ▶ Metal/Plastic
- ▶ For use with installation of underwater pool lights
- ▶ Meets NEC Article 680.52 (A)(B) (for more information see Section W)
- ▶ Solid Brass Wiring Platform with grounding post and 3 ground terminals for use with metallic or PVC conduit

Weatherproof

Cat. No.	Description	Size & Remarks	Std. Pkg.
SJB-50/100	Two 1/2", One 1" outlets With 1" to 1/2" port adapter Black Lexan Cover with built-in gasket Brass bottom	3.5"W x 5.38"H x 2"D 22.0 Cu. In.	1
SJB100-3 (Black) SJB100-3-W (White)	Two 3/4", One 1" outlets Black or White Lexan Material with built-in gasket Brass Terminal Block, Brass Ground Lug	4"Dia. X 1.75"D 14.0 Cu. In. (Use with PVC Pipe)	1
SJB100-5 (Black) SJB100-5-W (White)	One 1/2", Two 3/4", Two 1" outlets Black or White Lexan Material with built-in gasket Brass Terminal Block, Brass Ground Lug	5"Dia. X 2"D 23.0 Cu. In. (Use with PVC Pipe)	1
*SJB-ROD	4-Ft. Solid PVC Support Rod for Lexan Boxes	1/2" Dia X 4'	2



*SJB-ROD



SJB-50/100



SJB100-3



SJB100-3-W



SJB100-5



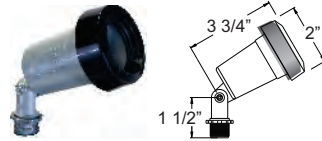
SJB100-5-W

LAMP HOLDERS

PRODUCT FEATURES

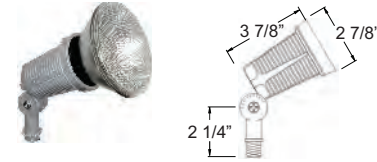
- ▶ Die Cast Aluminum & Zinc
- ▶ 120V
- ▶ PAR38 Lamp Not Included, 90W Max. for LH150-SG, 150W Max. for LH300

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.
		Gray	Bronze	Black	White	
LH150-SG	Lampholder with Premium Silicon Outer Gasket	LH150-SG-GY	LH150-SG-BR	LH150-SG-BK	LH150-SG-W	25
*LH300	Premium Grade Porcelain socket with Nickel contacts and Teflon-jacketed wire leads					24



LH150-SG

Includes Premium Silicon Gasket



*LH300

Shown Installed

LAMP HOLDER ACCESSORIES

Cat. No.	Description	Colors Available	Std. Pkg.
BASE-R	Round Surface-Mount Bracket 1/2" Female, Cast Aluminum	BK, BR, GN, VG, WH	10
BASE-SB	Round Surface-Mount Bracket 1/2" Female, Solid Brass	Antique Brass, *Nat. Brass, Acid Grn	10
TB-LV	Tree-Hugger Canopy, Low-Voltage	BR, GN, VG, WH	1



BASE-R



BASE-SB



TB-LV

PHOTOELECTRIC CONTROLS

PRODUCT FEATURES

- ▶ 1.5VA Power Consumption
- ▶ 6-20 Lx On Level
- ▶ 30-60 Lx Off Level
- ▶ 2-Year Warranty

Cat. No.	Description	Rating		Std. Pkg.
		Tungsten	Ballast	
PC-1	120V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1-277	208/277V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1S	120V 50/60Hz, Swivel-Type	1200 W	1000VA	12
PC-1SH	120V 50/60Hz, High-Wattage Swivel-Type	2000 W	1900VA	12
PC-1F	120V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1F-277	208/277V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1P	120V 50/60Hz, with Weatherproof Plate & Gasket	500 W	850VA	12
PC-1T	120~277V 50/60Hz, Twist Lock E-Ballast: 8A@120VAC, 5A@208-277VAC	1000 W	1800VA	12



PC-1
PC-1-277



PC-1S



PC-1SH



PC-1F
PC-1F-277



PC-1P



PC-1T



File E303572
File E224007
File E348511

C14 | Weatherproof Accessories

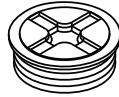


WEATHERPROOF CLOSURE PLUGS

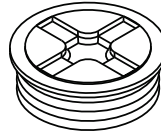
PRODUCT FEATURES

- ▶ Die Cast Aluminum
- ▶ Poly Bagged with Barcode
- ▶ Must purchase Std. Pkg. qty

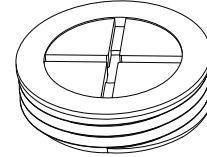
Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Ctn.
		Gray	Bronze	White		
PL-50	1/2" Closure Plug	PL-50	PL-50-BR	PL-50-W	5	500
PL-75	3/4" Closure Plug	PL-75	PL-75-BR	PL-75-WH	5	500
PL-100	1" Closure Plug	PL-100	-	-	2	200



PL-50



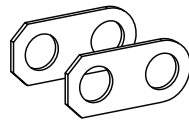
PL-75



PL-100

WEATHERPROOF ACCESSORIES

Cat. No.	Description	Color	Std. Pkg.
LUG	Mounting Lugs, Each unit is a poly bag containing 2 lugs and 2 screws	Natural	100
SW-SP	1/2" Brass Spacer for mounting a Toggle Switch in a Lever Switch Cover	Natural	100
G	Inner Fiber Gasket for LH150 Weatherproof Lamp Holder	-	250
SG	Premium Silicon Outer Sealing Gasket for LH150 Weatherproof Lamp Holder	-	25
WG-38	PAR38 Wire Guard for Weatherproof Lamp Holders, Zinc-Plated Steel	-	5
BH-50	1/2" Zinc-Die Cast Weatherproof Box Holder	-	25



LUG



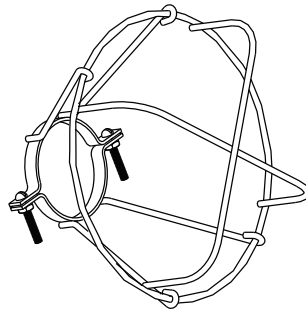
SW-SP



G



SG



WG-38



BH-50



Pull Elbows & Conduit Elbows Quick Reference

For More Information See Fittings Section on Page D10, D36, D60, D61



PEB-50
PEB-75
PEB-100
PEB-125



PE-50
PE-75
PE-100
PE-125



SSPEB-G50
SSPEB-G75
SSPEB-G100
SSPEB-G125



SSPE-G50
SSPE-G75
SSPE-G100
SSPE-G125



SSPE-50
SSPE-75
SSPE-100
SSPE-125



EEL22-50
EEL22-75
EEL22-100
EEL22-125
EEL22-150
EEL22-200
EEL22-250
EEL22-300
EEL22-350
EEL22-400



EEL45-50
EEL45-75
EEL45-100
EEL45-125
EEL45-150
EEL45-200
EEL45-250
EEL45-300
EEL45-350
EEL45-400



EEL90-50
EEL90-75
EEL90-100
EEL90-125
EEL90-150
EEL90-200
EEL90-250
EEL90-300
EEL90-350
EEL90-400



REL22-50
REL22-75
REL22-100
REL22-125
REL22-150
REL22-200
REL22-250
REL22-300
REL22-350
REL22-400



REL45-50
REL45-75
REL45-100
REL45-125
REL45-150
REL45-200
REL45-250
REL45-300
REL45-350
REL45-400



REL90-50
REL90-75
REL90-100
REL90-125
REL90-150
REL90-200
REL90-250
REL90-300
REL90-350
REL90-400

Weatherproof



Conduit Bodies Quick Reference

For More Information See Pages E1-E11

Weatherproof



LB-50A
LB-75A
LB-100A
LB-125A
LB-150A
LB-200A
LB-250A
LB-300A
LB-350A
LB-400A



LL-50A
LL-75A
LL-100A
LL-125A
LL-150A
LL-200A
LL-250A
LL-300A
LL-400A



LR-50A
LR-75A
LR-100A
LR-125A
LR-150A
LR-200A
LR-250A
LR-300A
LR-400A



C-50A
C-75A
C-100A
C-125A
C-150A
C-200A
C-250A
C-300A
C-400A



T-50A
T-75A
T-100A
T-125A
T-150A
T-200A
T-250A
T-300A
T-400A



SLB-50
SLB-75
SLB-100
SLB-125
SLB-150
SLB-200



NEW

LB-50AS
LB-75AS
LB-100AS
LB-125AS
LB-150AS
LB-200AS
LB-250AS
LB-300AS
LB-350AS
LB-400AS



NEW

LL-50AS
LL-75AS
LL-100AS
LL-125AS
LL-150AS
LL-200AS
LL-250AS
LL-300AS
LL-400AS



NEW

LR-50AS
LR-75AS
LR-100AS
LR-125AS
LR-150AS
LR-200AS
LR-250AS
LR-300AS
LR-400AS



NEW

C-50AS
C-75AS
C-100AS
C-125AS
C-150AS
C-200AS
C-250AS
C-300AS
C-400AS



NEW

T-50AS
T-75AS
T-100AS
T-125AS
T-150AS
T-200AS
T-250AS
T-300AS
T-400AS



LBM-150
LBM-200
LBM-250
LBM-300
LBM-350
LBM-400



LB-50
LB-75
LB-100
LB-125
LB-150
LB-200
LB-250
LB-300
LB-350
LB-400



LL-50
LL-75
LL-100
LL-125
LL-150
LL-200
LL-250
LL-300
LL-400



LR-50
LR-75
LR-100
LR-125
LR-150
LR-200
LR-250
LR-300
LR-400



C-50
C-75
C-100
C-125
C-150
C-200
C-250
C-300
C-400



T-50
T-75
T-100
T-125
T-150
T-200
T-250
T-300
T-400



Malleable Iron

MLB-50
MLB-75
MLB-100
MLB-125
MLB-150
MLB-200
MLB-250
MLB-300
MLB-350
MLB-400



Malleable Iron

MLL-50
MLL-75
MLL-100
MLL-125
MLL-150
MLL-200
MLL-250
MLL-300
MLL-350
MLL-400



Malleable Iron

MLR-50
MLR-75
MLR-100
MLR-125
MLR-150
MLR-200
MLR-250
MLR-300
MLR-350
MLR-400



Malleable Iron

MC-50
MC-75
MC-100
MC-125
MC-150
MC-200
MC-250
MC-300
MC-350
MC-400



Malleable Iron

MT-50
MT-75
MT-100
MT-125
MT-150
MT-200
MT-250
MT-300
MT-350
MT-400



Set-Screw EMT

SSLB-50
SSLB-75
SSLB-100
SSLB-125
SSLB-150
SSLB-200
SSLB-250
SSLB-300
SSLB-350
SSLB-400



Set-Screw EMT

SSLR-50
SSLR-75
SSLR-100
SSLR-125
SSLR-150
SSLR-200



Set-Screw EMT

SSLL-50
SSLL-75
SSLL-100
SSLL-125
SSLL-150
SSLL-200



Set-Screw EMT

SSC-50
SSC-75
SSC-100
SSC-125
SSC-150
SSC-200



Set-Screw EMT

SST-50
SST-75
SST-100
SST-125
SST-150
SST-200



CG-50
CG-75
CG-100
CG-125/150
CG-200
CG-250/300
CG-350/400



G-50
G-75
G-100
G-125/150
G-200
G-250/300
G-350-400



Conduit Bodies Quick Reference

For More Information See Pages E12-E15

Weatherproof

FORM 7 GRAY IRON CONDUIT BODIES



LB7-50
LB7-75
LB7-100
LB7-125
LB7-150
LB7-200
LB7-250
LB7-300
LB7-350
LB7-400



LL7-50
LL7-75
LL7-100
LL7-125
LL7-150
LL7-200
LL7-250
LL7-300
LL7-350
LL7-400



LR7-50
LR7-75
LR7-100
LR7-125
LR7-150
LR7-200
LR7-250
LR7-300
LR7-350
LR7-400



C7-50
C7-75
C7-100
C7-125
C7-150
C7-200
C7-250
C7-300



T7-50
T7-75
T7-100
T7-125
T7-150
T7-200
T7-250
T7-300
T7-350
T7-400



SCG7-50
SCG7-75
SCG7-100
SCG7-125
SCG7-150
SCG7-200
SCG7-250/300
SCG7-350/400



GICG7-50
GICG7-75
GICG7-100
GICG7-125
GICG7-150
GICG7-200
GICG7-250/300
GICG7-350/400

FORM 8 GRAY IRON CONDUIT BODIES



LB8-50
LB8-75
LB8-100
LB8-125
LB8-150
LB8-200
LB8-250
LB8-300
LB8-350
LB8-400



LL8-50
LL8-75
LL8-100
LL8-125
LL8-150
LL8-200
LL8-250
LL8-300



LR8-50
LR8-75
LR8-100
LR8-125
LR8-150
LR8-200
LR8-250
LR8-300



C8-50
C8-75
C8-100
C8-125
C8-150
C8-200
C8-250
C8-300



T8-50
T8-75
T8-100
T8-125
T8-150
T8-200
T8-250
T8-300



SCG8-50
SCG8-75
SCG8-100
SCG8-125
SCG8-150
SCG8-200
SCG8-250/300
SCG8-350/400



GICG8-50
GICG8-75
GICG8-100
GICG8-125
GICG8-150
GICG8-200
GICG8-250/300
GICG8-350/400

Di | Introduction



Orbit features an extensive variety of Electrical Fittings in sizes and shapes to fit any application. Each fitting is constructed to meet our high standards, resulting in a group of products consisting of a quality found nowhere else. Our vast selection includes EMT, Rigid, Liquid Tight, Conduit Bodies, Elbows, Straps, Groundings and more. Most of our UL listed metal fittings for metal cable, conduit and tubing are considered suitable for grounding for use in circuits over and under 250V, and where installed in accordance with the NEC.

EMT Fittings



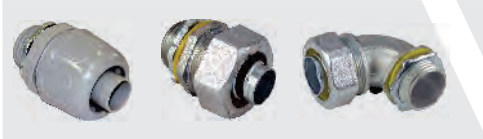
Flex Fittings



AC/MC Fittings



Liquid Tight Fittings



Groundings



Rigid/IMC Fittings



Straps, Clamps, Hangers



Conduit Elbows



And more...



MATERIALS STEEL, DIE CAST ZINC, MALLEABLE IRON, AND PVC.



Steel



Die Cast Zinc



Malleable Iron



PVC

Orbit's fittings are available in a variety of sizes and high quality materials.

Steel



Steel Fittings offer a higher tensile strength and higher yield strength than Zinc Die-Cast Fittings. Machined from a solid bar of stock steel, Steel Fittings are coated with zinc plating for corrosion protection. Steel Fittings are suitable for dry and/or wet locations, and are considered to be “specification grade” fittings.

Zinc Die Cast



Zinc Die-Cast Fittings are quickly machined in one piece, making them very economical in price and light-weight when transported. Zinc Die-Cast Fittings are often deployed in short conduit runs and non-critical electrical work.

Non-Metallic



Non-Metallic PVC and Nylon Fittings are used in wet and/or dry locations when conduits and fittings are not subject to physical damage. Commonly used in residential applications, Non-Metallic Fittings are ideal when extra flexibility is desired for installation or maintenance.



Malleable Iron



Malleable Iron Fittings are manufactured from a hot liquid metal poured into a mold, then cooled to produce a casting that is extremely tough. Malleable Iron Fittings are also coated with zinc plating for corrosion protection. Able to withstand hammering, machining, and extreme temperatures without breaking, Malleable Iron Fittings are often required by designers and federal specs for industrial applications.

Electrical Fittings



Bronze

Bronze Fittings are composed of a copper-tin alloy that is both highly conductive and corrosion resistant. Bronze is regarded as the “go-to material” for grounding electrical service panels and equipment, especially for direct-burial (DB).



FULL LINE OF CONDUIT BODIES

AVAILABLE ON OUR WEBSITE OR IN THE **E** SECTION



Rigid-to-EMT Screw Combo Couplings | Pg. D2

Steel Rigid to EMT Set Screw Combo Couplings join un-threaded 1/2" thru 1" Rigid/IMC conduit to 1/2" thru 1" EMT conduit. A Phillips or standard-head screwdriver may be used to tighten the fitting's set screws on either end. Suitable for dry locations. Sealing tape may be used to create a concrete tight seal.



EMT Slip Coupling Set-Screw Type | Pg. D2



Steel EMT slip couplings with set-screw type connections are commonly used to join two EMT conduits together. The unique center screw design allows for a seamless fit, eliminating the need for flex conduit between the prefab conduit racks. This feature not only saves time during prefabrication in the shop but also increases productivity in the field. Additionally, the steel construction provides mechanical protection and a secure connection between the conduits.

EMT-to-Liquid Tight Compression Combo Couplings | Pg. D3

Steel EMT-to-Liquid Tight Compression Combo Couplings join EMT raceway to metallic or non-metallic liquid tight conduit. One end of the coupling is Compression Type for 1/2" thru 1" EMT conduit; on the other end is a grounding ferrule locknut for 1/2" thru 1" liquid tight conduit. An internal sealing ring creates a rain-tight and concrete-tight seal between both types of conduit.



Rigid-to-EMT Compression Combo Couplings | Pg. D3



Steel Rigid to EMT Compression Combo Couplings improve upon more common set-screw type combination fittings. One end of the coupling is threaded for 1/2" thru 1" Rigid/IMC conduit; the other end is un-threaded for 1/2" thru 1" EMT. Unlike set-screw fittings, the SREC Series greatly reduces the risk of seizing screws, or the accidental bending of EMT due to over-torque. Compression type fittings are also wet location or concrete rated.



Universal Strut Clamps | Pg. D7

Universal Strut Clamps can be inserted anywhere along slotted channel, and allow for remarkably tight spacing between conduits. 1/2" thru 2" is a single piece break-apart design without nut. 2-1/2" thru 4" is a two-piece design with nut and thicker wall.



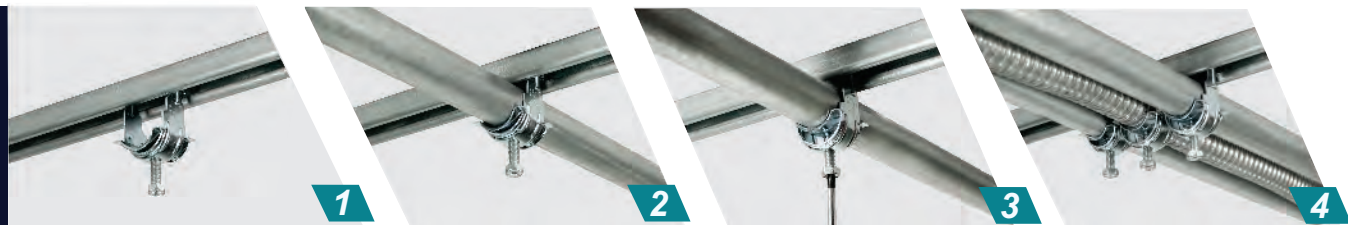
Electrical Fittings



Saddle-Type Strut Clamps | Pg. D7

Saddle-Type Strut Clamps can be used to secure EMT, Rigid conduit, and FMC Conduit in 5/16" thru 4" trade sizes. No need to break-apart or reassemble thanks to its single-piece design.

Wide saddle and anti-rotation tabs prevent twisting when tightening screw. Universal bolt head stays captive so there are no loose screws to drop.



Double-Bite Set Screw Combo Couplings | Pg. D8

Tubular Steel Double-Bite Set Screw Combo Couplings feature a saddle-type clamp that rides up and down the screw, and grips flexible conduit better than squeeze-type combo couplings. This double-bite saddle clamp joins all common Flex, MC, and AC-type cable ranges to one end of the fitting. On the opposite end, a set screw joins 1/2" and 3/4" EMT conduit to create a seamless conduit transition. For dry locations only.



Double-Bite Compression Combo Couplings | Pg. D8



Tubular Steel Double-Bite Compression Combo Couplings also feature a saddle-type clamp, offering all the same advantages of its set screw counterpart above. However, this model features a compression nut in place of a set-screw so there is no risk of seizing screws, dropped screws, or bent EMT raceway. Zinc-plated steel design offers a higher tensile strength than common zinc die cast combo fittings. For dry locations only.

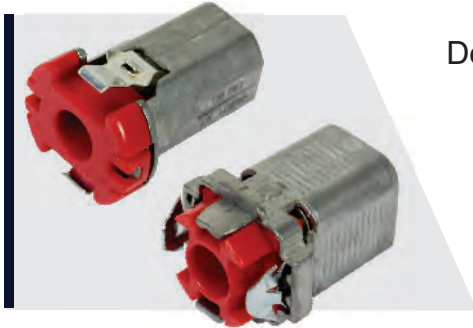
Double-Bite Connectors | Pg. D13

Steel Double-Bite Cable Connectors feature a dual-gripping saddle clamp shaped to fit metal cable jackets, preventing cable distortion and conductor damage. All models include an insulated throat to prevent conductor chaffing during wire pulls. Connector fits 1/2" thru 1" knockouts, and accommodates 3/8" thru 1" flexible metal conduit. For dry locations only.



Double-Snap Connectors | Pg. D16

Double-Snap Connectors work to make terminating AC/MC cables to steel boxes and enclosures easy and tool-free. Available for both new and old-work installations, each connector can be assembled to the cable or box without tools, resulting in a much faster installation. Both fittings are also easily removable and re-usable.



Rigid-to-Liquid Tight Compression Combo Couplings | Pg. D21

Steel Rigid-to-Liquid Tight Compression Couplings join Rigid or IMC raceway to metallic or non-metallic liquid tight conduit. One end of the coupling is threaded for 1/2" thru 2" Rigid conduit; on the other end is a grounding ferrule locknut for 1/2" thru 2" liquid tight conduit. This combo coupling design provides rain-tight and concrete-tight features.





Liquid Tight Connectors with Lay-In Lugs | Pg. D22, D23, D25

Malleable Iron Liquid Tight Connectors with Aluminum Lay-in Lugs are ideal when installations require copper or aluminum external bonding jumpers. Available in Straight, 45° and 90° angles, and accepts 3/8" thru 4" flexible liquid tight conduit (metallic and non-metallic). Sealing washer maintains a liquid tight connection when terminating in unthreaded openings.



Malleable Iron Rigid/IMC Connectors & Couplings Set-Screw Type | Pg. D31

Set-screw type Rigid/IMC connectors and Couplings are utilized in dry locations to bond unthreaded rigid or IMC conduits to electrical junction boxes or enclosures, or connect the ends of two unthreaded rigid or IMC conduits. Constructed from malleable iron, these connectors provide mechanical protection for the conduits and designated electrical junction box or enclosure. By eliminating the need to thread bald conduits, set-screw connectors simplify the installation process. For damp locations, set-screw connectors offer excellent corrosion protection with their zinc electroplated finish.



3-Piece Rigid Conduit Couplings | Pg. D33

3-Piece Rigid Conduit Couplings make it possible to join two lengths of threaded Rigid/IMC conduit that are difficult (or impossible) to turn. This malleable iron coupling is composed of an outer hex slip-on ring, an inner threaded ferrule, and hexagonal threaded nipple. Also useful for "breaking" long conduit runs, and a required coupling in many federal specifications. Trade sizes 1/2" thru 4".



STEEL EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF7701	1/2"	50	500
OF7702	3/4"	25	250
OF7703	1"	10	100
OF7704	1-1/4"	10	100
OF7705	1-1/2"	10	50
OF7706	2"	5	50
OF7707	2-1/2"	-	12
OF7708	3"	-	12
OF7709	3-1/2"	-	6
OF7710	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

STEEL INSULATED EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat
- ▶ Concrete-Tight when taped

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF7701-S	1/2"	50	500
OF7702-S	3/4"	25	250
OF7703-S	1"	10	100
OF7704-S	1-1/4"	10	100
OF7705-S	1-1/2"	10	50
OF7706-S	2"	5	50
OF7707-S	2-1/2"	-	12
OF7708-S	3"	-	12
OF7709-S	3-1/2"	-	6
OF7710-S	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

STEEL EMT COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF7711	1/2"	50	500
OF7712	3/4"	25	250
OF7713	1"	10	100
OF7714	1-1/4"	10	100
OF7715	1-1/2"	10	50
OF7716	2"	5	50
OF7717	2-1/2"	-	12
OF7718	3"	-	12
OF7719	3-1/2"	-	6
OF7720	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"





STEEL EMT SLIP COUPLING SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Used to join two ends of EMT together
- ▶ Diamond shape inspection window to ensure both ends of conduits are visible
- ▶ Back out center screw stop as necessary to slip coupling over conduit
- ▶ Fully install center screw stop between conduits



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SESCS-50 NEW	1/2"	50	500
SESCS-75 NEW	3/4"	25	250
SESCS-100 NEW	1"	10	100
SESCS-125 NEW	1-1/4"	-	25
SESCS-150 NEW	1-1/2"	-	25
SESCS-200 NEW	2"	-	20
SESCS-250 NEW	2-1/2"	-	12
SESCS-300 NEW	3"	-	12
SESCS-350 NEW	3-1/2"	-	6
SESCS-400 NEW	4"	-	6

STEEL RIGID TO EMT COMBINATION COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ Concrete-Tight when taped



Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SRECS-50	1/2"	1/2"	25	250
SRECS-75	3/4"	3/4"	10	100
SRECS-100	1"	1"	10	100

STEEL EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF7601	OF7601-W	1/2"	25	250
OF7602	OF7602-W	3/4"	25	250
OF7603	OF7603-W	1"	10	100
OF7604	OF7604-W	1-1/4"	10	100
OF7605	OF7605-W	1-1/2"	10	50
OF7606	OF7606-W	2"	5	50
OF7607	OF7607-W	2-1/2"	-	12
OF7608	OF7608-W	3"	-	12
OF7609	OF7609-W	3-1/2"	-	6
OF7610	OF7610-W	4"	-	6



STEEL INSULATED EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat
- ▶ Concrete-Tight

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated and Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF7601-S	OF7601-SW	1/2"	25	250
OF7602-S	OF7602-SW	3/4"	25	250
OF7603-S	OF7603-SW	1"	10	100
OF7604-S	OF7604-SW	1-1/4"	10	100
OF7605-S	OF7605-SW	1-1/2"	10	50
OF7606-S	OF7606-SW	2"	5	50
OF7607-S	OF7607-SW	2-1/2"	-	12
OF7608-S	OF7608-SW	3"	-	12
OF7609-S	OF7609-SW	3-1/2"	-	6
OF7610-S	OF7610-SW	4"	-	6



STEEL EMT COUPLINGS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF7611	OF7611-W	1/2"	25	250
OF7612	OF7612-W	3/4"	25	250
OF7613	OF7613-W	1"	10	100
OF7614	OF7614-W	1-1/4"	10	100
OF7615	OF7615-W	1-1/2"	10	50
OF7616	OF7616-W	2"	5	50
OF7617	OF7617-W	2-1/2"	-	12
OF7618	OF7618-W	3"	-	12
OF7619	OF7619-W	3-1/2"	-	6
OF7620	OF7620-W	4"	-	6



Compression Type



Rain-Tight

STEEL EMT TO LIQUID TIGHT COMBINATION COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight
- ▶ Rain-Tight



Cat. No.	EMT Size	LT Size	Std. Pkg.	Master Ctn.
SELTC-50	1/2"	1/2"	25	250
SELTC-75	3/4"	3/4"	10	100
SELTC-100	1"	1"	10	100



3/4"



1"

STEEL RIGID TO EMT COMBINATION COUPLINGS THREADED/COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Internally threaded for Rigid/IMC conduit
- ▶ Compression type for EMT conduit
- ▶ Rain-Tight
- ▶ Concrete-Tight



Cat. No.	RIGID Size	EMT Size	Std. Pkg.	Master Ctn.
SREC-50	1/2"	1/2"	25	100
SREC-75	3/4"	3/4"	25	100
SREC-100	1"	1"	10	40



1/2"





ZINC DIE CAST EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF701	1/2"	100	1000
OF702	3/4"	50	500
OF703	1"	10	100
OF704	1-1/4"	10	100
OF705	1-1/2"	10	50
OF706	2"	5	50
OF707	2-1/2"	-	12
OF708	3"	-	12
OF709	3-1/2"	-	6
OF710	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

ZINC DIE CAST INSULATED EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF701-S	1/2"	50	500
OF702-S	3/4"	25	250
OF703-S	1"	10	100
OF704-S	1-1/4"	10	100
OF705-S	1-1/2"	10	50
OF706-S	2"	5	50
OF707-S	2-1/2"	-	12
OF708-S	3"	-	12
OF709-S	3-1/2"	-	6
OF710-S	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

ZINC DIE CAST EMT COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF711	1/2"	50	500
OF712	3/4"	25	250
OF713	1"	10	100
OF714	1-1/4"	10	100
OF715	1-1/2"	10	50
OF716	2"	5	50
OF717	2-1/2"	-	12
OF718	3"	-	12
OF719	3-1/2"	-	6
OF720	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

ZINC DIE CAST EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- Concrete-Tight

NOTE

- Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF601	OF601-W	1/2"	50	500
OF602	OF602-W	3/4"	25	250
OF603	OF603-W	1"	10	100
OF604	OF604-W	1-1/4"	10	100
OF605	OF605-W	1-1/2"	10	50
OF606	OF606-W	2"	5	50
OF607	OF607-W	2-1/2"	-	12
OF608	OF608-W	3"	-	12
OF609	OF609-W	3-1/2"	-	6
OF610	OF610-W	4"	-	6



Compression Type



Rain-Tight

ZINC DIE CAST INSULATED EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- With Insulated Throat
- Concrete-Tight

NOTE

- Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- Insulated and Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF601-S	OF601-SW	1/2"	50	500
OF602-S	OF602-SW	3/4"	25	250
OF603-S	OF603-SW	1"	10	100
OF604-S	OF604-SW	1-1/4"	10	100
OF605-S	OF605-SW	1-1/2"	10	50
OF606-S	OF606-SW	2"	5	50
OF607-S	OF607-SW	2-1/2"	-	12
OF608-S	OF608-SW	3"	-	12
OF609-S	OF609-SW	3-1/2"	-	6
OF610-S	OF610-SW	4"	-	6



Compression Type



Rain-Tight

ZINC DIE CAST EMT COUPLINGS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- Concrete-Tight

NOTE

- Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF611	OF611-W	1/2"	50	500
OF612	OF612-W	3/4"	25	250
OF613	OF613-W	1"	10	100
OF614	OF614-W	1-1/4"	10	100
OF615	OF615-W	1-1/2"	10	50
OF616	OF616-W	2"	5	50
OF617	OF617-W	2-1/2"	-	12
OF618	OF618-W	3"	-	12
OF619	OF619-W	3-1/2"	-	6
OF620	OF620-W	4"	-	6



Compression Type



Rain-Tight





STAMPED STEEL

1-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SE1-50	1/2"	100	1000
SE1-75	3/4"	100	1000
SE1-100	1"	100	500
SE1-125	1-1/4"	100	500
SE1-150	1-1/2"	50	500
SE1-200	2"	50	500
SU1-250	2-1/2"	25	100
SU1-300	3"	25	100
SU1-350	3-1/2"	25	100
SU1-400	4"	25	100



1/2" to 2"



2-1/2" to 4"

STAMPED STEEL

2-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SE2-50	1/2"	100	1000
SE2-75	3/4"	100	1000
SE2-100	1"	100	500
SE2-125	1-1/4"	100	500
SE2-150	1-1/2"	50	500
SE2-200	2"	50	500
SU2-250	2-1/2"	25	100
SU2-300	3"	25	100
SU2-350	3-1/2"	25	100
SU2-400	4"	25	100



1/2" to 2"



2-1/2" to 4"

STAMPED STEEL

NAIL STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Varies according to sizes

Cat. No.	EMT Size	Flex/Rigid Size	Std. Pkg.	Master Ctn.
NS-50	1/2"	3/8"	100	1000
NS-50/75	3/4"	1/2"	100	1000
NS-100	1"	3/4"	100	1000



STAMPED STEEL UNIVERSAL STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Listed for EMT, IMC and Rigid
- ST-50 to ST-200:**
- ▶ Break-apart design without Nut
- ▶ Improved Screw Hole Threads in 2024
- STN-50 to STN-200 & ST-250 to ST-400:**
- ▶ Two-piece design with Nut

Cat. No. With Nut	Cat. No. Without Nut	Trade Size	Std. Pkg.
STN-50	ST-50	1/2"	100
STN-75	ST-75	3/4"	100
STN-100	ST-100	1"	100
STN-125	ST-125	1-1/4"	100
STN-150	ST-150	1-1/2"	50
STN-200	ST-200	2"	50
ST-250		2-1/2"	50
ST-300		3"	25
ST-350		3-1/2"	25
ST-400		4"	25



STN-50 to STN-200
ST-250 to ST-400



ST-50 to ST-200

STAMPED STEEL SADDLE TYPE STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Tri-Combo Hex Screw Head
- ▶ Wide Saddle Design

Cat. No.	EMT/Rigid/FMC Conduit Size	Cable O.D. Range	Std. Pkg.
STS-50	5/16" - 1/2"	0.260" - 0.890"	100
STS-75	3/4"	0.670" - 1.090"	100
STS-100	1"	0.890" - 1.450"	100
STS-125	1-1/4"	1.150" - 1.700"	50
STS-150	1-1/2"	1.350" - 2.000"	50
STS-200	2"	1.875" - 2.570"	50
STS-250	2-1/2"	2.500" - 3.060"	25
STS-300	3"	3.000" - 3.600"	25
STS-350	3-1/2"	3.600" - 4.100"	25
STS-400	4"	4.100" - 4.700"	25



STAMPED STEEL CONDUIT HANGERS WITH BOLTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	EMT Size	Rigid Size	Std. Pkg.	Master Ctn.
PH-50B	#0B	1/2"	1/2" & 3/8"	50	500
PH-75B	#1B	3/4"	3/4"	50	500
PH-100B	#2B	1"	1"	25	250
PH-105B	#2-1/2B	1-1/4"	-	25	250
PH-125B	#3B	1-1/2"	1-1/4"	50	250
PH-150B	#4B	-	1-1/2"	50	250
PH-200B	#5B	2"	2"	20	100
PH-250B	#6B	2-1/2"	2-1/2"	10	50
PH-300B	#7B	3"	3"	10	50
PH-350B	#8B	3-1/2"	3-1/2"	10	50
PH-400B	#9B	4"	4"	5	25





STEEL EMT TO FLEX COUPLINGS COMPRESSION/DOUBLE-BITE SADDLE CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Compression type for EMT conduit
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, RWFMC
- ▶ Suitable for dry location only

Cat. No.	Flex/Cable Range	EMT Size	Std. Pkg.	Master Ctn.
SEFCD-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25	100
	AL AC: 12/4 (0.550") - 6/3 (0.920")			
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")			
	AL MCI: 10/4 (0.640") - 8/3 (0.920")			
SEFCD-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25	100
	AL AC: 8/3(0.680") - 4/3 (1.075")			
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")			
	AL MCI: 6/4 (0.930") - 4/3 (1.075")			



STEEL EMT TO FLEX COUPLINGS SET-SCREW/DOUBLE-BITE SADDLE CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Set-Screw type for EMT conduit
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, RWFMC
- ▶ Suitable for dry location only

Cat. No.	Flex/Cable Range	EMT Size	Std. Pkg.	Master Ctn.
SEFSD-38	Steel AC: 14/2 (0.450") - 10/2 (0.660")	1/2"	25	100
	AL AC: 14/2(0.450") - 10/2 (0.660")			
	Steel MCI: 14/2 (0.450") - 10/2 (0.660")			
	AL MCI: 14/2 (0.450") - 10/2 (0.660")			
SEFSD-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25	100
	AL AC: 12/4 (0.550") - 6/3 (0.920")			
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")			
	AL MCI: 10/4 (0.640") - 8/3 (0.920")			
SEFSD-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25	100
	AL AC: 8/3(0.680") - 4/3 (1.075")			
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")			
	AL MCI: 6/4 (0.930") - 4/3 (1.075")			



ZINC DIE CAST EMT TO FLEX COUPLINGS SET-SCREW/SQUEEZE TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF530	1/2" to 3/8"	50	500
OF531	1/2" to 1/2"	25	250
OF532	3/4" to 3/4"	25	100
OF533	1" to 1"	10	40



ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/CLAMP TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF520	1/2" to 3/8"	50	500
OF521	1/2" to 1/2"	25	250
OF522	3/4" to 3/4"	25	250
OF523	1" to 1"	10	40

ZINC DIE CAST
EMT TO FLEX COUPLINGS
COMPRESSION/SCREW-IN TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1611	1/2"	50	500
OF1612	3/4"	25	250
OF1613	1"	10	100

ZINC DIE CAST
EMT OFFSET CONNECTORS
SET-SCREW TYPE

PRODUCT FEATURES

- Concrete-Tight when taped
- Combo Head Set-Screw



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OCS-50	1/2"	100	1000
OCS-75	3/4"	50	500

ZINC DIE CAST
EMT OFFSET CONNECTORS
COMPRESSION TYPE

PRODUCT FEATURES

- Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OCC-50	1/2"	100	1000
OCC-75	3/4"	50	500

ZINC DIE CAST
EMT 90° ANGLE CONNECTOR
COMPRESSION TYPE

PRODUCT FEATURES

- Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CC90-50	1/2"	25	100

ZINC DIE CAST
EMT "FASTLOCK"
CONNECTORS
(NO LOCKNUT)

PRODUCT FEATURES

- Combo Head Set-Screw
- Suitable for dry location only



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1701	1/2"	50	500
OF1702	3/4"	50	500

ZINC DIE CAST
EMT INSIDE CORNER
SET-SCREW TYPE

PRODUCT FEATURES

- Combo Head Set-Screw



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
ECS-50	1/2"	100	1000
ECS-75	3/4"	50	500





**ZINC DIE CAST
EMT TO EMT PULL ELBOWS
SET-SCREW TYPE
WITH GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSPE-G50	1/2"	10	100
SSPE-G75	3/4"	5	50
SSPE-G100	1"	-	25
SSPE-G125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO EMT PULL ELBOWS
SET-SCREW TYPE
WITHOUT GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSPE-50	1/2"	10	100
SSPE-75	3/4"	5	50
SSPE-100	1"	-	25
SSPE-125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO BOX PULL ELBOWS
SET-SCREW TYPE
WITH GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSPEB-G50	1/2"	10	100
SSPEB-G75	3/4"	5	50
SSPEB-G100	1"	-	25
SSPEB-G125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO BOX PULL ELBOWS
SET-SCREW TYPE
WITHOUT GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*SSPEB-50	1/2"	10	100
*SSPEB-75	3/4"	5	50
*SSPEB-100	1"	-	25
*SSPEB-125	1-1/4"	-	20

PLASTIC EMT BUSHINGS

PRODUCT FEATURES

- ▶ Protects wires from damage by sharp edges of EMT
- ▶ Size 2-1/2" to 4" can also be used for Rigid, IMC and PVC conduit

NOTE

- ▶ Color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
TPB-50	1/2"	100	1000
TPB-75	3/4"	100	1000
TPB-100	1"	50	500
TPB-125	1-1/4"	25	250
TPB-150	1-1/2"	25	250
TPB-200	2"	10	100
TPB-250	2-1/2"	10	100
TPB-300	3"	-	20
TPB-350	3-1/2"	-	20
TPB-400	4"	-	10

ZINC DIE CAST FLEX CONNECTORS SCREW-IN TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF671	3/8"	100	1000
OF672	1/2"	100	1000
OF673	3/4"	100	500
OF674	1"	25	250
OF675	1-1/4"	10	100
OF681	1-1/2"	5	50
OF682	2"	3	30



ZINC DIE CAST INSULATED FLEX CONNECTORS SCREW-IN TYPE

PRODUCT FEATURES

- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF671-S	3/8"	100	1000
OF672-S	1/2"	100	1000
OF673-S	3/4"	100	500
OF674-S	1"	25	250
OF675-S	1-1/4"	10	100
OF681-S	1-1/2"	5	50
OF682-S	2"	3	30



ZINC DIE CAST FLEX COUPLINGS SCREW-IN TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF676	1/2"	100	1000
OF677	3/4"	100	500
OF678	1"	25	250
OF679	1-1/4"	10	100
OF685	1-1/2"	5	50
OF686	2"	3	30



D12 | FLEX/AC/MC Fittings



STEEL FLEX BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Used to insulate cut Flex when the conduit is used for data cables without a junction box

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
FB-50	1/2"	100	1000
FB-75	3/4"	100	500
FB-100	1"	25	250



Shown Installed

ZINC DIE CAST FLEX CONNECTORS SQUEEZE TYPE

NOTE

- ▶ Sizes 3/8" & 1/2" are also for AC (BX)

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF730	3/8"	50	500
OF731	1/2"	25	250
OF732	3/4"	25	250
OF733	1"	10	100
OF734	1-1/4"	10	100
OF735	1-1/2"	5	50
OF736	2"	4	40
OF737	2-1/2"	2	6
OF738	3"	1	2
OF739	3-1/2"	1	2
OF740	4"	1	2



3/8" to 2"



2-1/2" to 4"

ZINC DIE CAST INSULATED FLEX CONNECTORS SQUEEZE TYPE

PRODUCT FEATURES

- ▶ With Insulated Throat

NOTE

- ▶ Sizes 3/8" & 1/2" are also for AC(BX)
- ▶ Insulated color may vary

Cat. No. Compression	Trade Size	Std. Pkg.	Master Ctn.
OF730-S	3/8"	50	500
OF731-S	1/2"	25	250
OF732-S	3/4"	25	250
OF733-S	1"	10	100
OF734-S	1-1/4"	10	100
OF735-S	1-1/2"	5	50
OF736-S	2"	4	40
OF737-S	2-1/2"	2	6
OF738-S	3"	1	2
OF739-S	3-1/2"	1	2
OF740-S	4"	1	2



3/8" to 2"



2-1/2" to 4"

STEEL
INSULATED FLEX CONNECTORS
DOUBLE-BITE SADDLE
CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, FMC
- ▶ Suitable for dry location only

NOTE

- ▶ Insulated color may vary

Cat. No.	Flex/Cable Range		KO Size	Std. Pkg.	Master Ctn.
SFID-38	Steel AC: 14/2 (0.450") - 10/2 (0.660")	Steel HCF AC: 14/2 (0.450") - 10/2 (0.660")	1/2"	25	100
	AL AC: 14/2(0.450") - 10/2 (0.660")	AL HCF AC: 14/2 (0.450") - 10/2 (0.660")			
	Steel MCI: 14/2 (0.450") - 10/2 (0.660")	HCF MCI-A: 14/2 (0.400") - 10/3 (0.590")			
	AL MCI: 14/2 (0.450") - 10/2 (0.660")	Steel/AL FMC/RWFMC/XRWFMC: 3/8"			
	AL MCI-A: 14/2 (0.400") - 10/3 (0.590")				
SFID-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	Steel HCF AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25	100
	AL AC: 12/4 (0.550") - 6/3 (0.920")	AL HCF AC: 12/4 (0.550") - 6/3 (0.920")			
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")	HCF MCI-A: 12/4 (0.520") - 8/4 (0.770")			
	AL MCI: 10/4 (0.640") - 8/3 (0.920")	Steel/AL FMC/RWFMC/XRWFMC: 1/2"			
	AL MCI-A: 12/4 (0.520") - 8/4 (0.770")				
SFID-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	Steel HCF AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25	100
	AL AC: 8/3(0.680") - 4/3 (1.075")	AL HCF AC: 8/3 (0.680") - 4/3 (1.075")			
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")	HCF MCI-A: 8/4 (0.770") - 6/4 (1.110")			
	AL MCI: 6/4 (0.930") - 4/3 (1.075")	Steel/AL FMC/RWFMC/XRWFMC: 3/4"			
	AL MCI-A: 8/4 (0.770") - 6/4 (1.110")				
SFID-100	Steel AC: 6/4 (0.930") - 1/3 (1.375")	Steel HCF AC: 6/4 (0.930") - 1/3 (1.375")	1"	10	40
	AL AC: 6/4(0.930") - 1/3 (1.375")	AL HCF AC: 6/4 (0.930") - 1/3 (1.375")			
	Steel MCI: 6/4 (0.960") - 3/4 (1.375")	HCF MCI-A: 0.880" - 1.110"			
	AL MCI: 6/4 (0.960") - 3/4 (1.375")	Steel/AL FMC/RWFMC/XRWFMC: 1"			
	AL MCI-A: 0.880" - 1.110"				



ZINC DIE CAST
FLEX CONNECTOR
CLAMP TYPE

PRODUCT FEATURES

- ▶ Combo Head Set-Screw

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*OF657	1/2"	25	50



ZINC DIE CAST
FLEX CONNECTORS
SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Steel screw
- ▶ For Steel FLEX only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF654	1/2"	100	500
OF655	3/4"	75	375



ZINC DIE CAST
90° ANGLE FLEX
CONNECTORS
SCREW-IN TYPE

PRODUCT FEATURES

- ▶ Sliding cover for easy wire pulls

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*OF9674	1"	10	100



D14 | FLEX/AC/MC Fittings



ZINC DIE CAST 90° ANGLE AC (BX) MC/FLEX CONNECTORS SQUEEZE TYPE

PRODUCT FEATURES

- ▶ Suitable for dry location only
- ▶ For AC, MCI-A, FMC/RWFMC

Cat. No.	Flex/Cable Range	KO Size	Std. Pkg.	Master Ctn.
OF643	Steel AC: 14/2 (0.453") - 8/2 (0.647")	1/2"	25	250
	AL AC: 14/2 (0.453") - 10/4 (0.622")			
	Steel MCI-A: 14/2 (0.453") - 8/2 (0.669")			
OF644	Steel AC: 10/4 (0.648") - 8/3 (0.826")	1/2"	25	250
	AL AC: 10/4 (0.622") - 6/4 (0.905")			
	Steel MCI-A: 10/4 (0.622") - 6/3 (0.866")			
OF645	Steel AC: 6/4 (0.945") - 3/4 (1.185")	3/4"	25	250
	AL AC: 6/4 (0.925") - 2/4 (1.133")			
	Steel MCI-A: 8/4 (0.827") - 3/4 (1.185")			



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF6463	1"	5	25
OF6464	1-1/4"	-	5
OF6465	1-1/2"	-	5
OF6466	2"	-	5
OF6467	2-1/2"	-	5
OF6468	3"	-	5
OF6469	3-1/2"	-	1
OF6470	4"	-	1



1" to 2"

2-1/2" to 4"

ZINC DIE CAST 90° ANGLE FLEX CONNECTORS SQUEEZE TYPE

STEEL EMT TO FLEX COUPLINGS SET-SCREW/DOUBLE-BITE SADDLE CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Set-Screw type for EMT conduit
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, RWFMC
- ▶ Suitable for dry location only

Cat. No.	Flex/Cable Range	EMT Size	Std. Pkg.	Master Ctn.
SEFSD-38	Steel AC: 14/2 (0.450") - 10/2 (0.660")	1/2"	25	100
	AL AC: 14/2(0.450") - 10/2 (0.660")			
	Steel MCI: 14/2 (0.450") - 10/2 (0.660")			
	AL MCI: 14/2 (0.450") - 10/2 (0.660")			
	AL MCI-A: 14/2 (0.400") - 10/3 (0.590")			
SEFSD-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25	100
	AL AC: 12/4 (0.550") - 6/3 (0.920")			
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")			
	AL MCI: 10/4 (0.640") - 8/3 (0.920")			
	AL MCI-A: 12/4 (0.520") - 8/4 (0.770")			
SEFSD-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25	100
	AL AC: 8/3(0.680") - 4/3 (1.075")			
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")			
	AL MCI: 6/4 (0.930") - 4/3 (1.075")			
	AL MCI-A: 8/4 (0.770") - 6/4 (1.110")			



STEEL EMT TO FLEX COUPLINGS COMPRESSION/DOUBLE-BITE SADDLE CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Compression type for EMT conduit
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, FMC
- ▶ Suitable for dry location only

Cat. No.	Flex/Cable Range	EMT Size	Std. Pkg.	Master Ctn.
SEFCD-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25	100
	AL AC: 12/4 (0.550") - 6/3 (0.920")			
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")			
	AL MCI: 10/4 (0.640") - 8/3 (0.920")			
	AL MCI-A: 12/4 (0.520") - 8/4 (0.770")			
SEFCD-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25	100
	AL AC: 8/3(0.680") - 4/3 (1.075")			
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")			
	AL MCI: 6/4 (0.930") - 4/3 (1.075")			
	AL MCI-A: 8/4 (0.770") - 6/4 (1.110")			



ZINC DIE CAST EMT TO FLEX COUPLINGS SET-SCREW/SQUEEZE TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF530	1/2" to 3/8"	50	500
OF531	1/2" to 1/2"	25	250
OF532	3/4" to 3/4"	25	100
OF533	1" to 1"	10	40



ZINC DIE CAST EMT TO FLEX COUPLINGS SET-SCREW/CLAMP TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF520	1/2" to 3/8"	50	500
OF521	1/2" to 1/2"	25	250
OF522	3/4" to 3/4"	25	250
OF523	1" to 1"	10	40



ZINC DIE CAST EMT TO FLEX COUPLINGS COMPRESSION/SCREW-IN TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1611	1/2"	50	500
OF1612	3/4"	25	250
OF1613	1"	10	100



D16 | FLEX/AC/MC Fittings



ZINC DIE CAST RIGID TO FLEX COUPLING CLAMP TYPE

PRODUCT FEATURES

- ▶ For Steel FLEX Only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF697	1/2"	25	250



ZINC DIE CAST RIGID TO FLEX COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ For Steel FLEX Only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF694	1/2"	25	250
OF695	3/4"	25	250



ZINC DIE CAST INSULATED DOUBLE-SNAP CABLE CONNECTOR

PRODUCT FEATURES

- ▶ 105°C rated throat insulator
- ▶ Fast and Tool-free installation
- ▶ Removable and Reusable
- ▶ For AC, MCI, MCI-A, HCF, RWFMC
- ▶ Dry location

Cat. No.	Description	KO Size	Std. Pkg.
DSC-38	DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel MCI: 0.395" - 0.638" AL MCI: 0.40" - 0.618" Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") AL RWFMC: 3/8"	1/2"	50



ZINC DIE CAST INSULATED CUT-IN DOUBLE-SNAP CABLE CONNECTOR

PRODUCT FEATURES

- ▶ 105°C rated throat insulator
- ▶ Fast and Tool-free installation
- ▶ Removable and Reusable
- ▶ For FMC, AC, MCI, MCI-A, HCF
- ▶ Dry location

Cat. No.	Description	KO Size	Std. Pkg.
DSC-38C	CUT-IN DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR, FOR OLD WORK Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel/AL MCI: 14/2 (0.395") - 10/3 (0.638") Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL FMC: 3/8"	1/2"	50



STEEL "FASTLOCK" CONNECTOR

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Saddle-Base Connector
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, HCF AC, MCI-A, HCF MCI-A, FMC/RWFMC

NOTE

- ▶ Insulated color may vary

Cat. No.	Description	K.O. Size	Std. Pkg.	Master Ctn.
FLC-50	Steel AC 14/2 (0.475") - 10/3 (0.565") AL AC 14/2 (0.464") - 10/3 (0.610") Steel MCI: 14/2 (0.455") - 10/3 (0.565") AL MCI: 14/2 (0.455") - 10/3 (0.600") Steel HCF AC: 14/2 (0.475") - 10/3 (0.565") AL HCF AC: 14/2 (0.464") - 10/3 (0.610") AL MCI-A: 14/2 (0.385") - 10/3 (0.510") HCF MCI-A: 14/2 (0.385") - 10/3 (0.510") Steel/AL FMC/RWFMC: 3/8"	1/2"	50	500



STEEL "FASTLOCK" WIDE-THROAT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Saddle-Base Connector
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, HCF AC, MCI-A, HCF MCI-A, FMC/RWFMC

NOTE

- ▶ Insulated color may vary

Cat. No.	Description	K.O. Size	Std. Pkg.	Master Ctn.
FLC-50L	Steel AC 10/4 (0.605") - 6/3 (0.853") AL AC 10/3 (0.610") - 6/3 (0.823") Steel MCI: 10/3 (0.580") - 8/3 (0.690") AL MCI: 10/3 (0.520") - 8/3 (0.690") Steel HCF AC: 10/4 (0.605") - 6/3 (0.853") AL HCF AC: 10/3 (0.610") - 6/3 (0.823") AL MCI-A: 8/3 (0.675") HCF MCI-A: 8/3 (0.675") Steel/AL FMC/RWFMC: 1/2"	1/2"	50	500

FLC-75L	Steel AC 10/3 (0.545") - 6/3 (0.850") AL AC 10/3 (0.600") - 6/3 (0.835") Steel MCI: 10/3 (0.550") - 6/3 (0.850") AL MCI: 10/3 (0.580") - 6/3 (0.850") Steel HCF AC: 10/3 (0.545") - 6/3 (0.850") AL HCF AC: 10/3 (0.600") - 6/3 (0.835") AL MCI-A: 8/3 (0.675") - 6/3 (0.785") HCF MCI-A: 8/3 (0.675") - 6/3 (0.785") Steel/AL FMC/RWFMC: 1/2"	3/4"	25	250
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STEEL "FASTLOCK" DUPLEX CONNECTOR

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, HCF AC, MCI-A, HCF MCI-A, FMC/RWFMC

NOTE

- ▶ Insulated color may vary

Cat. No.	Description	K.O. Size	Std. Pkg.	Master Ctn.
FLD-50	Steel AC 14/2 (0.475") - 10/3 (0.565") AL AC 14/2 (0.464") - 12/4 (0.600") Steel MCI: 14/2 (0.455") - 12/4 (0.545") AL MCI: 14/2 (0.455") - 12/4 (0.550") Steel HCF AC: 14/2 (0.475") - 10/3 (0.565") AL HCF AC: 14/2 (0.464") - 12/4 (0.600") AL MCI-A: 14/2 (0.385") - 10/3 (0.520") HCF MCI-A: 14/2 (0.385") - 10/3 (0.520") Steel/AL FMC/RWFMC: 3/8"	1/2"	25	250





**ZINC DIE CAST
METAL CLAD (MC)
CONNECTORS SADDLE-TYPE**

PRODUCT FEATURES

- ▶ Combo Head Set-Screw
- ▶ With Insulated Throat
- ▶ Suitable for Dry Location Only
- ▶ For AC, MCI-A, NM Cable, FMC/RWFMC

NOTE

- ▶ Insulated color may vary



Cat. No.	Description	KO Size	Std. Pkg.	Master Ctn.
OF6231	Steel AC: 14/2 (0.457") - 12/4 (0.539") Aluminum AC: 14/2 (0.464") - 10/4 (0.622") Steel MCI-A: 14/2 (0.453") - 10/4 (0.614") Aluminum MCI-A: 14/2 (0.433") - 10/3 (0.630") NM Cable: 12/3, 14/2 & 8/2 with ground. 12/2 without ground Steel/AL FMC/RWFMC: 3/8"	1/2"	100	500
OF6232	Steel Interlocking: 0.661 - 0.711 Dia. AL Interlocking: 0.775 - 0.825 Dia. Steel/AL AC: 0.650 - 0.810 Dia. Steel FMC: 1/2"	3/4"	50	250

**ZINC DIE CAST
METAL CLAD (MC) & AC (BX)
CONNECTOR SET-SCREW TYPE**

PRODUCT FEATURES

- ▶ For AC, MCI-A, FMC/RWFMC



Cat. No.	Description	KO Size	Std. Pkg.	Master Ctn.
OF653	Steel AC: 14/2 (0.453") - 10/4 (0.622") Aluminum AC: 14/2 (0.464") - 14/4 (0.535") Steel MCI-A: 14/2 (0.453") - 10/2 (0.581") Aluminum MCI-A: 14/2 (0.437") - 10/2 (0.535") Steel/AL FMC/RWFMC: 3/8"	1/2"	100	500

**ZINC DIE CAST
METAL CLAD (MC) & AC (BX)
CONNECTOR**

PRODUCT FEATURES

- ▶ For AC, MCI-A, NM Cable, FMC/RWFMC



Cat. No.	Description	KO Size	Std. Pkg.	Master Ctn.
OF6620	Steel AC: 14/2 (0.457") - 12/4 (0.539") Aluminum AC: 14/2 (0.464") - 14/4 (0.534") Steel MCI-A: 14/2 (0.453") - 10/2 (0.531") Aluminum MCI-A: 14/2 (0.433") - 14/4 (0.539") NM Cable: 12/3, 14/2 with ground & 12/2 without ground Steel/AL FMC/RWFMC: 3/8"	1/2"	100	500

**ZINC DIE CAST
METAL CLAD (MC)
CONNECTORS
CLAMP TYPE**

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Suitable for Dry Location Only

NOTE

- ▶ Insulated color may vary



Cat. No.	Cable Size Dia.	Trade Size	Std. Pkg.	Master Ctn.
*MC-CL-300	2.30" - 2.68"	3"	-	5
*MC-CL-350	2.85" - 3.42"	3-1/2"	-	5

**ZINC DIE CAST
COMBINATION AC (BX) &
NON-METALLIC (NM)
CONNECTOR**

PRODUCT FEATURES

- ▶ Suitable for Dry Location Only
- ▶ For AC, NM Cable, FMC/RWFMC, Cord



Cat. No.	Description	KO Size	Std. Pkg.	Master Ctn.
OF623	Steel/AL AC: 14/2 Steel/AL FMC/RWFMC: 3/8" NM Cable: 14/2 Cord: 0.340" - 0.380" Dia Cord 14/3 SJO, 16/3 SJO, 16/2 SO	1/2"	25	250

Electrical Fittings

ZINC DIE CAST DUPLEX AC (BX) FLEX/MC CONNECTOR

PRODUCT FEATURES

- Suitable for Dry Location Only
- For AC, MCI-A, NM Cable, FMC/RWFMC



Cat. No.	Description	KO Size	Std. Pkg.	Master Ctn.
MC-DX-50	Steel AC: 14/2 (0.457") - 12/4 (0.539")	1/2"	25	250
	Aluminum AC: 14/2 (0.464") - 10/4 (0.622")			
	Steel MCI-A: 14/2 (0.453") - 10/4 (0.614")			
	Aluminum MCI-A: 14/2 (0.433") - 10/3 (0.630")			
	NM Cable: 12/3, 14/2 with ground 12/2 without ground			
	Steel/AL FMC/RWFMC: 3/8"			

STAMPED STEEL 1-HOLE MC(BX) CABLE STRAP

PRODUCT FEATURES

- Electroplated Zinc
- Corrosion-resistant



Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-38	12-2, 12-3, 10-2, 10-3 MC (BX) 1-Hole Strap	100	1000

STAMPED STEEL SADDLE TYPE STRUT CLAMPS

PRODUCT FEATURES

- Electroplated Zinc
- Tri-Combo Hex Screw Head
- Wide Saddle Design



Cat. No.	EMT/Rigid/FMC Conduit Size	Cable O.D. Range	Std. Pkg.
STS-50	5/16" - 1/2"	0.260" - 0.890"	100
STS-75	3/4"	0.670" - 1.090"	100
STS-100	1"	0.890" - 1.450"	100
STS-125	1-1/4"	1.150" - 1.700"	50
STS-150	1-1/2"	1.350" - 2.000"	50
STS-200	2"	1.875" - 2.570"	50
STS-250	2-1/2"	2.500" - 3.060"	25
STS-300	3"	3.000" - 3.600"	25
STS-350	3-1/2"	3.600" - 4.100"	25
STS-400	4"	4.100" - 4.700"	25

STAMPED STEEL NAIL STRAPS

PRODUCT FEATURES

- Electroplated Zinc

NOTES

- Varies according to sizes



Cat. No.	EMT Size	Flex/Rigid Size	Std. Pkg.	Master Ctn.
NS-50	1/2"	3/8"	100	1000
NS-50/75	3/4"	1/2"	100	1000
NS-100	1"	3/4"	100	1000

ANTI-SHORT BUSHINGS THERMOPLASTIC

PRODUCT FEATURES

- High-Temperature Plastic
- Fits BX (AC) and Flex Conduits



Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
ASB-516	14/2, 14/3, 12/2	5/16"	35	3500
ASB-38	14/4, 12/3, 6/1, 4/1	3/8"	35	2100
ASB-716	12/4, 10/2, 10/3, 2/1	7/16"	35	700
ASB-50	10/4, 8/2, 8/3, 1/1	1/2"	20	400
ASB-75	8/4, 6/2, 4/2, 4/3, 6/4	3/4"	16	320



D20 | Liquid Tight Fittings



STEEL LIQUID TIGHT SEALING RINGS

PRODUCT FEATURES

- ▶ Neoprene Rubber Gasket
- ▶ Steel Retainer
- ▶ Form Liquid tight seal between connector and box



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTSR-50	1/2"	250	2500
LTSR-75	3/4"	200	2000
LTSR-100	1"	150	1500
LTSR-125	1-1/4"	100	1000
LTSR-150	1-1/2"	50	500
LTSR-200	2"	50	500
LTSR-250	2-1/2"	-	100
LTSR-300	3"	-	100
LTSR-350	3-1/2"	-	50
LTSR-400	4"	-	50



NON-METALLIC (PVC) STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ PVC Type-B
- ▶ Corrosion-Resistant
- ▶ Zinc or Steel Locknut



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
NMLT-38	3/8"	25	100
NMLT-50	1/2"	25	250
NMLT-75	3/4"	15	150
NMLT-100	1"	8	80
NMLT-125	1-1/4"	5	50
NMLT-150	1-1/2"	4	40
NMLT-200	2"	1	36



NON-METALLIC (PVC) 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ PVC Type-B
- ▶ Corrosion-Resistant
- ▶ Zinc or Steel Locknut



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
NMLT90-38	3/8"	10	100
NMLT90-50	1/2"	15	150
NMLT90-75	3/4"	10	100
NMLT90-100	1"	5	50
NMLT90-125	1-1/4"	4	40
NMLT90-150	1-1/2"	2	20
NMLT90-200	2"	1	10



STEEL EMT TO LIQUID TIGHT COMBINATION COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight
- ▶ Rain-Tight



Cat. No.	EMT Size	LT Size	Std. Pkg.	Master Ctn.
SELTC-50	1/2"	1/2"	25	250
SELTC-75	3/4"	3/4"	10	100
SELTC-100	1"	1"	10	100



3/4"



1"

STEEL RIGID TO LIQUID TIGHT COMBINATION COUPLINGS THREADED/COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Internally threaded for Rigid/IMC conduit
- ▶ Rain-Tight
- ▶ Concrete-Tight



Cat. No.	RIGID Size	LT Size	Std. Pkg.	Master Ctn.
SRLTC-50	1/2"	1/2"	25	100
SRLTC-75	3/4"	3/4"	10	40
SRLTC-100	1"	1"	10	40
SRLTC-125	1-1/4"	1-1/4"	5	20
SRLTC-150	1-1/2"	1-1/2"	-	15
SRLTC-200	2"	2"	-	10



ZINC DIE CAST STRAIGHT LIQUID TIGHT CONNECTORS



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LT-38	3/8"	25	250
LT-50	1/2"	25	250
LT-75	3/4"	15	150
LT-100	1"	8	80
LT-125	1-1/4"	5	50
LT-150	1-1/2"	4	40
LT-200	2"	1	10
LT-250	2-1/2"	1	10
LT-300	3"	1	10
LT-350	3-1/2"	1	6
LT-400	4"	1	6



ZINC DIE CAST INSULATED STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTI-38	3/8"	25	250
LTI-50	1/2"	25	250
LTI-75	3/4"	15	150
LTI-100	1"	8	80
LTI-125	1-1/4"	5	50
LTI-150	1-1/2"	4	40
LTI-200	2"	1	36
LTI-250	2-1/2"	1	10
LTI-300	3"	1	10
LTI-350	3-1/2"	1	6
LTI-400	4"	1	6



D22 | Liquid Tight Fittings



MALLEABLE IRON STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLT-38	3/8"	25	250
MLT-50	1/2"	25	250
MLT-75	3/4"	15	150
MLT-100	1"	8	80
MLT-125	1-1/4"	5	50
MLT-150	1-1/2"	4	40
MLT-200	2"	1	20
MLT-250	2-1/2"	-	1
MLT-300	3"	-	1
MLT-350	3-1/2"	-	1
MLT-400	4"	-	1



MALLEABLE IRON INSULATED STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLTI-38	3/8"	25	250
MLTI-50	1/2"	25	250
MLTI-75	3/4"	15	150
MLTI-100	1"	8	80
MLTI-125	1-1/4"	5	50
MLTI-150	1-1/2"	4	40
MLTI-200	2"	1	20
MLTI-250	2-1/2"	-	1
MLTI-300	3"	-	1
MLTI-350	3-1/2"	-	1
MLTI-400	4"	-	1



MALLEABLE IRON INSULATED STRAIGHT LIQUID TIGHT CONNECTORS WITH ALUMINUM LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 105°C rated insulated throat
- ▶ Sealing washer included
- ▶ Aluminum lay-in lug provides easy installation of a ground wire

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MLTILL-38	3/8"	#14 - #4	25	250
MLTILL-50	1/2"	#14 - #4	25	250
MLTILL-75	3/4"	#14 - #4	10	100
MLTILL-100	1"	#14 - #4	5	50
MLTILL-125	1-1/4"	#14 - #4	5	50
MLTILL-150	1-1/2"	#14 - #4	4	40
MLTILL-200	2"	#14 - #4	2	20
MLTILL-250	2-1/2"	#14 - #1/0	1	10
MLTILL-300	3"	#14 - #1/0	1	10
MLTILL-350	3-1/2"	#6 - #250MCM	-	1
MLTILL-400	4"	#6 - #250MCM	-	1



3/4"

1-1/4"

MALLEABLE IRON 45° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLT45-38	3/8"	25	150
MLT45-50	1/2"	25	150
MLT45-75	3/4"	10	100
MLT45-100	1"	5	50
MLT45-125	1-1/4"	5	40
MLT45-150	1-1/2"	4	20
MLT45-200	2"	1	15
MLT45-250	2-1/2"	-	1
MLT45-300	3"	-	1
MLT45-350	3-1/2"	-	1
MLT45-400	4"	-	1



MALLEABLE IRON INSULATED 45° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLTI45-38	3/8"	25	150
MLTI45-50	1/2"	25	150
MLTI45-75	3/4"	10	100
MLTI45-100	1"	5	50
MLTI45-125	1-1/4"	5	40
MLTI45-150	1-1/2"	4	20
MLTI45-200	2"	1	15
MLTI45-250	2-1/2"	-	1
MLTI45-300	3"	-	1
MLTI45-350	3-1/2"	-	1
MLTI45-400	4"	-	1



MALLEABLE IRON INSULATED 45° ANGLE LIQUID TIGHT CONNECTORS WITH ALUMINUM LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 105°C rated insulated throat
- ▶ Sealing washer included
- ▶ Aluminum lay-in lug provides easy installation of a ground wire

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MLTI45LL-38	3/8"	#14 - #4	10	100
MLTI45LL-50	1/2"	#14 - #4	10	100
MLTI45LL-75	3/4"	#14 - #4	10	100
MLTI45LL-100	1"	#14 - #4	5	50
MLTI45LL-125	1-1/4"	#14 - #4	-	5
MLTI45LL-150	1-1/2"	#14 - #4	-	5
MLTI45LL-200	2"	#14 - #4	-	5
MLTI45LL-250	2-1/2"	#14 - #1/0	-	1
MLTI45LL-300	3"	#14 - #1/0	-	1
MLTI45LL-350	3-1/2"	#6 - #250MCM	-	1
MLTI45LL-400	4"	#6 - #250MCM	-	1



3/4"

1-1/4"



D24 | Liquid Tight Fittings



ZINC DIE CAST 90° ANGLE LIQUID TIGHT CONNECTORS



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LT90-38	3/8"	15	150
LT90-50	1/2"	15	150
LT90-75	3/4"	10	100
LT90-100	1"	5	50
LT90-125	1-1/4"	4	40
LT90-150	1-1/2"	2	20
LT90-200	2"	1	10
LT90-250	2-1/2"	1	10
LT90-300	3"	1	4
LT90-400	4"	1	3



ZINC DIE CAST INSULATED 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTI90-38	3/8"	15	150
LTI90-50	1/2"	15	150
LTI90-75	3/4"	10	100
LTI90-100	1"	5	50
LTI90-125	1-1/4"	4	40
LTI90-150	1-1/2"	2	20
LTI90-200	2"	1	10
LTI90-250	2-1/2"	1	10
LTI90-300	3"	1	4
LTI90-350	3-1/2"	1	3
LTI90-400	4"	1	3



MALLEABLE IRON 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLT90-38	3/8"	25	150
MLT90-50	1/2"	25	150
MLT90-75	3/4"	10	100
MLT90-100	1"	5	50
MLT90-125	1-1/4"	5	40
MLT90-150	1-1/2"	4	20
MLT90-200	2"	1	15
MLT90-250	2-1/2"	-	1
MLT90-300	3"	-	1
MLT90-350	3-1/2"	-	1
MLT90-400	4"	-	1



MALLEABLE IRON
INSULATED 90° ANGLE
LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLTI90-38	3/8"	25	150
MLTI90-50	1/2"	25	150
MLTI90-75	3/4"	10	100
MLTI90-100	1"	5	50
MLTI90-125	1-1/4"	5	40
MLTI90-150	1-1/2"	4	20
MLTI90-200	2"	1	15
MLTI90-250	2-1/2"	-	1
MLTI90-300	3"	-	1
MLTI90-350	3-1/2"	-	1
MLTI90-400	4"	-	1



MALLEABLE IRON
INSULATED 90° ANGLE
LIQUID TIGHT CONNECTORS
WITH ALUMINUM LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 105°C rated insulated throat
- ▶ Sealing washer included
- ▶ Aluminum lay-in lug provides easy installation of a ground wire

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MLTI90LL-38	3/8"	#14 - #4	10	100
MLTI90LL-50	1/2"	#14 - #4	10	100
MLTI90LL-75	3/4"	#14 - #4	10	100
MLTI90LL-100	1"	#14 - #4	5	50
MLTI90LL-125	1-1/4"	#14 - #4	-	5
MLTI90LL-150	1-1/2"	#14 - #4	-	5
MLTI90LL-200	2"	#14 - #4	-	5
MLTI90LL-250	2-1/2"	#14 - #1/0	-	1
MLTI90LL-300	3"	#14 - #1/0	-	1
MLTI90LL-350	3-1/2"	#6 - #250MCM	-	1
MLTI90LL-400	4"	#6 - #250MCM	-	1



3/4"

1-1/4"



D26 | NM Cable Fittings

NON-METALLIC CABLE CONNECTORS PUSH-IN TYPE

PRODUCT FEATURES

- ▶ Flame-retardant Polypropylene
- ▶ Special gripping arrangement for easy cable insertion

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
NMP-50	One 10, 12, 14 AWG two-conductor cables with or without ground wire	1/2"	100	300



PLASTIC NON-METALLIC CABLE QUICK-LOCK CONNECTORS

PRODUCT FEATURES

- ▶ Easy and fast installation
- ▶ Simply remove with screwdriver if necessary

Cat. No.	NM Cable Range	Trade Size	KO Size	Std. Pkg.	Master Ctn.
PQLC-38	14/2 - 10/3	3/8"	1/2"	100	1000
PQLC-75	14/3 - 6/3	3/4"	3/4"	50	500



PQLC-38



PQLC-75

PLASTIC UNIVERSAL METAL STUD GROMMET

PRODUCT FEATURES

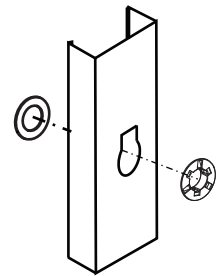
- ▶ High Strength, non-conductive polypropylene
- ▶ Universal design fits into a standard 1" trade size hole and all factory-punched stud holes
- ▶ Lightweight material eases installation

Cat. No.	Description	Std. Pkg.
PUSG	Universal Snap-in Type Bushings for metal stud, fit all factory punched metal stud holes	100

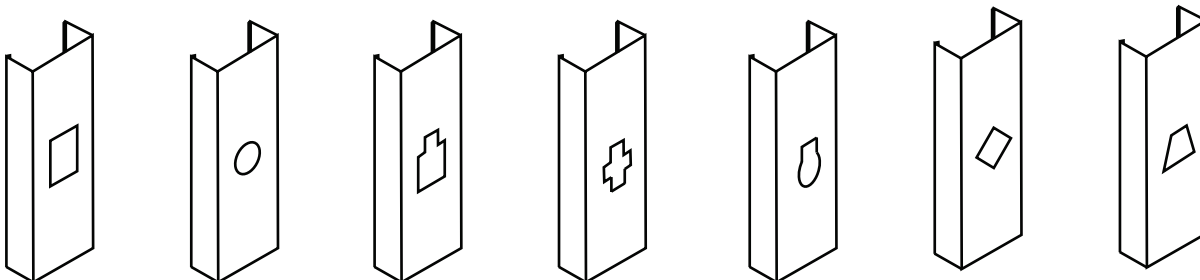


INSTALLATION INSTRUCTION:

- Step1:** Separate the two halves
- Step2:** Snap the bushing end and the washer end together through the hole
- Step3:** Install cable through the grommet



COMMON HOLE SHAPES IN METAL STUDS:



ZINC DIE CAST COMBINATION AC (BX) & NON-METALLIC (NM) CONNECTORS

PRODUCT FEATURES

- ▶ Suitable for dry location only
- ▶ For AC, NM Cable, FMC/RWFMC, Cord

ZINC DIE CAST NON-METALLIC CABLE CONNECTORS

NOTE

- ▶ Sizes 1" to 2" are also suitable for service entrance

Cat. No.	FLEX/Cable Range	KO Size	Std. Pkg.	Master Ctn.
OF623	Steel/AL AC: 14/2 Steel/AL FMC/RWFMC: 3/8" NM Cable: 14/2 Cord: 0.340" - 0.380" Dia Cord 14/3 SJO, 16/3 SJO, 16/2 SO	1/2"	25	250



Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
RX-50	(1) 14/2 to 10/2 NM, (2) 14/2 or (2) 12/2 NM, 0.340" to 0.380" Dia. Flex Cord (Dry Location) 14/3, 16/2, and 16/3 SJO	1/2"	100	1000
RX-75	(2) 14-2 NM, AWG, 0.340" to 0.515" Dia. Flex Cord (Dry Location) 14/3, 14/2 SJO	3/4"	25	250

For Service Entrance

RX-100	(4) 14/2, (1) 8/3, 8/2, 6/2, 6/3, 4/2, 4/3 NM (1) 2 SE Cable	1"	10	100
RX-125	4/3 or 2/3 NM	1-1/4"	5	50
RX-150	3-2/0 or 3-4/0 NM	1-1/2"	5	50
RX-200	3-2/0 or 3-4/0 NM	2"	5	50



ZINC DIE CAST WATERTIGHT SERVICE ENTRANCE CABLE CONNECTORS

PRODUCT FEATURES

- ▶ Watertight



Cat. No.	Trade Size	Wire Size	Grommet Opening	Std. Pkg.	Master Ctn.
WECC-100-8	1"	#8	0.40" - 0.68"	10	100
WECC-100-6	1"	#6	0.44" - 0.70"	10	100
WECC-100-4	1"	#4	0.52" - 0.84"	10	100
WECC-125-3	1-1/4"	#3	0.56" - 0.92"	10	50
WECC-125-2	1-1/4"	#2	0.60" - 1.00"	10	50
WECC-125-1	1-1/4"	#1	0.65" - 1.09"	10	50
WECC-150-10	1-1/2"	#1/0	0.72" - 1.24"	5	50
WECC-150-20	1-1/2"	#2/0	0.86" - 1.34"	5	50
WECC-150-30	1-1/2"	#3/0	0.87" - 1.37"	5	50
WECC-200-10	2"	#1/0	0.72" - 1.24"	5	25
WECC-200-20	2"	#2/0	0.86" - 1.34"	5	25
WECC-200-30	2"	#3/0	0.87" - 1.34"	5	25
WECC-200-40	2"	#4/0	0.90" - 1.50"	5	25
WECC-200-40N	2"	#4/0	1.11" - 1.73"	5	25





STAMPED STEEL 1-HOLE RG6U CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-25	RG6U (Coaxial Cable) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES1-50	Three #8, #6, #4	100	500
SES1-75	Three #3, #2	100	500
SES1-100	Three #1, #1/0, #2/0	50	250
SES1-200	Three #3/0, #4/0	25	250



STAMPED STEEL 2-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES2-50	Three #8, #6, #4	20	100
SES2-75	Three #3, #2	20	100
SES2-100	Three #1, #1/0, #2/0	20	100
SES2-200	Three #3/0, #4/0	20	100



PRE-GALVANIZED STEEL STUD MOUNTING CABLE SUPPORT

PRODUCT FEATURES

- ▶ Wood or Metal Stud
- ▶ Easy to Lock
- ▶ Space saving packaging

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100



ZINC DIE CAST STRAIN RELIEF CORD-GRIP CONNECTORS

PRODUCT FEATURES

- ▶ Watertight



Cat. No.	Trade Size	Clamping Range	Std. Pkg.	Master Ctn.
CG-50-190/260	1/2"	0.190" - 0.260"	25	100
CG-50-260/375	1/2"	0.260" - 0.375"	25	100
CG-50-375/500	1/2"	0.375" - 0.500"	25	100
CG-75-375/500	3/4"	0.375" - 0.500"	10	50
CG-75-500/625	3/4"	0.500" - 0.625"	10	50
CG-75-625/750	3/4"	0.625" - 0.750"	10	50
CG-100-375/500	1"	0.375" - 0.500"	10	50
CG-100-500/625	1"	0.500" - 0.625"	10	50
CG-100-625/750	1"	0.625" - 0.750"	10	50
CG-100-750/880	1"	0.750" - 0.880"	10	50
CG-100-880/985	1"	0.880" - 0.985"	10	50



STEEL STRAIN RELIEF CORD-GRIP CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Watertight
- ▶ Connect S, SO, ST, SJ, SJO, SJT Cord to metal box or enclosure
- ▶ Color-coded bushings identify different cord ranges



Cat. No.	Trade Size	Color	Clamping Range	Std. Pkg.	Master Ctn.
SCG-50-125/250	1/2"	Red	0.125" - 0.250"	25	100
SCG-50-250/350	1/2"	White	0.250" - 0.350"	20	100
SCG-50-350/450	1/2"	Blue	0.350" - 0.450"	20	100
SCG-50-450/560	1/2"	Green	0.450" - 0.560"	20	100
SCG-50-560/650	1/2"	Beige	0.560" - 0.650"	20	100
SCG-75-125/250	3/4"	Red	0.125" - 0.250"	10	50
SCG-75-250/350	3/4"	White	0.250" - 0.350"	10	50
SCG-75-350/450	3/4"	Blue	0.350" - 0.450"	10	50
SCG-75-450/560	3/4"	Green	0.450" - 0.560"	10	50
SCG-75-560/650	3/4"	Beige	0.560" - 0.650"	10	50
SCG-75-650/750	3/4"	Yellow	0.650" - 0.750"	10	50
SCG-75-750/850	3/4"	Purple	0.750" - 0.850"	10	50
SCG-100-450/560	1"	Green	0.450" - 0.560"	5	25
SCG-100-560/650	1"	Beige	0.560" - 0.650"	5	25
SCG-100-650/750	1"	Yellow	0.650" - 0.750"	5	25
SCG-100-750/850	1"	Purple	0.750" - 0.850"	5	25
SCG-100-850/950	1"	Gray	0.850" - 0.950"	5	25
SCG-100-950/1050	1"	Black	0.950" - 1.050"	5	25



D30 | Cord Grip Fittings

NYLON STRAIN RELIEF CORD-GRIP CONNECTORS

PRODUCT FEATURES

- ▶ Watertight

NOTE

- ▶ Lock Nut not included



Cat. No.	Trade Size	Cord Range	Std. Pkg.	Master Ctn.
NGC-38-197/394	3/8"	0.197" - 0.394"	25	100
NGC-50-384/551	1/2"	0.394" - 0.551"	25	100
NGC-75-551/709	3/4"	0.551" - 0.709"	10	50
NGC100-709/984	1"	0.709" - 0.984"	10	25



ZINC DIE CAST WATERTIGHT SERVICE ENTRANCE CABLE CONNECTORS

PRODUCT FEATURES

- ▶ Watertight



Cat. No.	Trade Size	Wire Size	Grommet Opening	Std. Pkg.	Master Ctn.
WECC-100-8	1"	#8	0.40" - 0.68"	10	100
WECC-100-6	1"	#6	0.44" - 0.70"	10	100
WECC-100-4	1"	#4	0.52" - 0.84"	10	100
WECC-125-3	1-1/4"	#3	0.56" - 0.92"	10	50
WECC-125-2	1-1/4"	#2	0.60" - 1.00"	10	50
WECC-125-1	1-1/4"	#1	0.65" - 1.09"	10	50
WECC-150-10	1-1/2"	#1/0	0.72" - 1.24"	5	50
WECC-150-20	1-1/2"	#2/0	0.86" - 1.34"	5	50
WECC-150-30	1-1/2"	#3/0	0.87" - 1.37"	5	50
WECC-200-10	2"	#1/0	0.72" - 1.24"	5	25
WECC-200-20	2"	#2/0	0.86" - 1.34"	5	25
WECC-200-30	2"	#3/0	0.87" - 1.34"	5	25
WECC-200-40	2"	#4/0	0.90" - 1.50"	5	25
WECC-200-40N	2"	#4/0	1.11" - 1.73"	5	25



STEEL RIGID CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For use in dry location

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*RS-50	1/2"	25	250
*RS-125	1-1/4"	1	25
*RS-150	1-1/2"	1	25
*RS-200	2"	1	10



MALLEABLE IRON RIGID CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRS-50 NEW	1/2"	-	25
MRS-75 NEW	3/4"	-	25
MRS-100 NEW	1"	-	25
MRS-125 NEW	1-1/4"	5	50
MRS-150 NEW	1-1/2"	5	50
MRS-200 NEW	2"	-	20



STEEL RIGID COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For use in dry location

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*RSC-50	1/2"	25	250
*RSC-75	3/4"	25	250
*RSC-100	1"	10	100
*RSC-125	1-1/4"	1	25
*RSC-150	1-1/2"	1	25
*RSC-200	2"	1	10



MALLEABLE IRON RIGID COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRCS-50 NEW	1/2"	-	25
MRCS-75 NEW	3/4"	-	25
MRCS-100 NEW	1"	-	25
MRCS-125 NEW	1-1/4"	5	50
MRCS-150 NEW	1-1/2"	4	40
MRCS-200 NEW	2"	-	20



D32 | Rigid/IMC Fittings

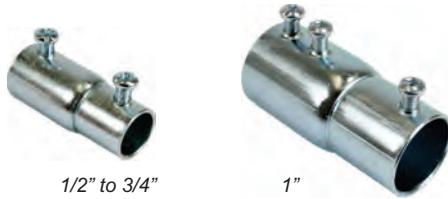


STEEL RIGID TO EMT COMBINATION COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped

Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SRECS-50	1/2"	1/2"	25	250
SRECS-75	3/4"	3/4"	10	100
SRECS-100	1"	1"	10	100



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RT-50	1/2"	25	250
RT-75	3/4"	25	250
RT-100	1"	10	100
RT-125	1-1/4"	1	25
RT-150	1-1/2"	1	25
RT-200	2"	1	10



STEEL THREADLESS RIGID CONNECTORS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight

MALLEABLE IRON THREADLESS RIGID CONNECTORS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRT-50	1/2"	25	100
MRT-75	3/4"	25	100
MRT-100	1"	5	25
MRT-125	1-1/4"	-	25
MRT-150	1-1/2"	-	25
MRT-200	2"	-	10
MRT-250	2-1/2"	-	10
MRT-300	3"	-	10
MRT-350	3-1/2"	-	6
MRT-400	4"	-	6



STEEL THREADLESS RIGID COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RTC-50	1/2"	25	250
RTC-75	3/4"	25	250
RTC-100	1"	10	100
RTC-125	1-1/4"	1	25
RTC-150	1-1/2"	1	25
RTC-200	2"	1	10



Electrical Fittings

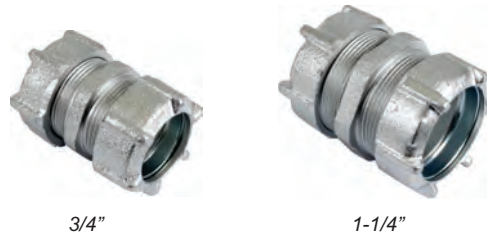
MALLEABLE IRON THREADLESS RIGID COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRTC-50	1/2"	10	100
MRTC-75	3/4"	10	100
MRTC-100	1"	5	50
MRTC-125	1-1/4"	5	50
MRTC-150	1-1/2"	-	12
MRTC-200	2"	-	5
MRTC-250	2-1/2"	-	5
MRTC-300	3"	-	3
MRTC-350	3-1/2"	-	2
MRTC-400	4"	-	2



MALLEABLE IRON THREE-PIECE RIGID CONDUIT COUPLINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MR3C-50	1/2"	10	100
MR3C-75	3/4"	10	100
MR3C-100	1"	5	50
MR3C-125	1-1/4"	5	50
MR3C-150	1-1/2"	3	30
MR3C-200	2"	-	5
MR3C-250	2-1/2"	-	5
MR3C-300	3"	-	5
MR3C-350	3-1/2"	-	4
MR3C-400	4"	-	4

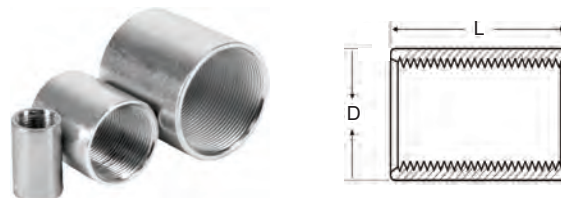


STEEL RIGID THREADED COUPLINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	DIMENSIONS		Std. Pkg.
		D	L	
RC-50	1/2"	0.995"	1.625"	100
RC-75	3/4"	1.235"	1.641"	50
RC-100	1"	1.515"	1.970"	30
RC-125	1-1/4"	1.851"	2.032"	20
RC-150	1-1/2"	2.138"	2.063"	20
RC-200	2"	2.624"	2.125"	20
RC-250	2-1/2"	3.218"	3.188"	24
RC-300	3"	3.831"	3.313"	16
RC-350	3-1/2"	4.455"	3.406"	12
RC-400	4"	4.831"	3.516"	10
RC-500	5"	5.940"	3.954"	1
RC-600	6"	7.128"	4.250"	1



D34 | Rigid/IMC Fittings



ZINC DIE CAST RIGID TO FLEX COUPLINGS CLAMP TYPE

PRODUCT FEATURES

- ▶ For steel Flex only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF697	1/2"	25	250



ZINC DIE CAST RIGID TO FLEX COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ For steel Flex only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF694	1/2"	25	250
OF695	3/4"	25	250



STEEL RIGID TO EMT COMBINATION COUPLINGS THREADED/COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Internally threaded for Rigid/IMC conduit
- ▶ Compression type for EMT conduit
- ▶ Rain-Tight
- ▶ Concrete-Tight



Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SREC-50	1/2"	1/2"	25	100
SREC-75	3/4"	3/4"	25	100
SREC-100	1"	1"	10	40



STEEL RIGID TO LIQUID TIGHT COMBINATION COUPLINGS THREADED/COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Internally threaded for Rigid/IMC conduit
- ▶ Rain-Tight
- ▶ Concrete-Tight



Cat. No.	Rigid Size	LT Size	Std. Pkg.	Master Ctn.
SRLTC-50	1/2"	1/2"	25	100
SRLTC-75	3/4"	3/4"	10	40
SRLTC-100	1"	1"	10	40
SRLTC-125	1-1/4"	1-1/4"	5	20
SRLTC-150	1-1/2"	1-1/2"	-	15
SRLTC-200	2"	2"	-	10



ZINC DIE CAST WATERTIGHT HUBS

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator

NOTES

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
WH-50	1/2"	25	125
WH-75	3/4"	25	125
WH-100	1"	25	125
WH-125	1-1/4"	10	50
WH-150	1-1/2"	10	50
WH-200	2"	10	50
WH-250	2-1/2"	5	25
WH-300	3"	2	10
WH-350	3-1/2"	2	10
WH-400	4"	2	10



ZINC DIE CAST GROUNDED WATERTIGHT HUBS

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator
- ▶ Grounding Post & Screw

NOTES

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
WHG-50	1/2"	25	125
WHG-75	3/4"	25	125
WHG-100	1"	25	125
WHG-125	1-1/4"	10	50
WHG-150	1-1/2"	10	50
WHG-200	2"	10	50
WHG-250	2-1/2"	5	25
WHG-300	3"	2	10
WHG-350	3-1/2"	2	10
WHG-400	4"	2	10



MALLEABLE IRON GROUNDED WATERTIGHT HUBS

PRODUCT FEATURES

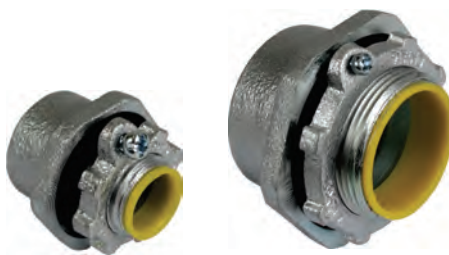
- ▶ 105°C rated Throat Insulator
- ▶ Grounding Screw
- ▶ Electroplated Zinc

NOTES

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MWHG-50	1/2"	25	250
MWHG-75	3/4"	25	100
MWHG-100	1"	10	100
MWHG-125	1-1/4"	5	50
MWHG-150	1-1/2"	2	20
MWHG-200	2"	2	20
MWHG-250	2-1/2"	-	10
MWHG-300	3"	-	5
MWHG-350	3-1/2"	-	5
MWHG-400	4"	-	5



1/2"

1-1/2"



D36 | Rigid/IMC Fittings



MALLEABLE IRON 90° ANGLE THREADED SHORT ELBOWS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MSE90-50	1/2"	50	200
MSE90-75	3/4"	25	100
MSE90-100	1"	25	100



ZINC DIE CAST RIGID TO BOX PULL ELBOWS WITH GASKET

PRODUCT FEATURES

- ▶ Aluminum Cover

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PEB-50	1/2"	10	100
PEB-75	3/4"	5	50
PEB-100	1"	-	25
PEB-125	1-1/4"	-	20



RIGID

ZINC DIE CAST RIGID TO RIGID PULL ELBOWS WITH GASKET

PRODUCT FEATURES

- ▶ Aluminum Cover

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PE-50	1/2"	10	100
PE-75	3/4"	5	50
PE-100	1"	-	25
PE-125	1-1/4"	-	20



RIGID

MALLEABLE IRON CONDUIT CLAMPS EDGE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCE-50	1/2"	50
MCCE-75	3/4"	50
MCCE-100	1"	25
MCCE-125	1-1/4"	25
MCCE-150	1-1/2"	25
MCCE-200	2"	25
MCCE-250	2-1/2"	10
MCCE-300	3"	10



1/2"

1"

MALLEABLE IRON CONDUIT CLAMPS RIGHT ANGLE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCR-50	1/2"	50
MCCR-75	3/4"	50
MCCR-100	1"	50
MCCR-125	1-1/4"	50
MCCR-150	1-1/2"	50
MCCR-200	2"	50
MCCR-250	2-1/2"	25
MCCR-300	3"	25
MCCR-350	3-1/2"	25
MCCR-400	4"	25



1/2"

1"

MALLEABLE IRON CONDUIT CLAMPS PARALLEL TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCP-50	1/2"	50
MCCP-75	3/4"	50
MCCP-100	1"	50
MCCP-125	1-1/4"	25
MCCP-150	1-1/2"	25
MCCP-200	2"	25
MCCP-250	2-1/2"	10
MCCP-300	3"	10
MCCP-350	3-1/2"	10
MCCP-400	4"	10



1/2"

1"



D38 | Rigid/IMC Fittings



STAMPED STEEL UNIVERSAL STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Listed for EMT, IMC and Rigid **ST-50 to ST-200:**
- ▶ Break-apart design without Nut
- ▶ Improved Screw Hole Threads in 2024
- ▶ **STN-50 to STN-200 & ST-250 to ST-400:**
- ▶ Two-piece design with Nut

Cat. No. With Nut	Cat. No. Without Nut	Trade Size	Std. Pkg.
STN-50	ST-50	1/2"	100
STN-75	ST-75	3/4"	100
STN-100	ST-100	1"	100
STN-125	ST-125	1-1/4"	100
STN-150	ST-150	1-1/2"	50
STN-200	ST-200	2"	50
ST-250		2-1/2"	50
ST-300		3"	25
ST-350		3-1/2"	25
ST-400		4"	25



STN-50 to STN-200
ST-250 to ST-400



ST-50 to ST-200

STAMPED STEEL SADDLE TYPE STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Tri-Combo Hex Screw Head
- ▶ Wide Saddle Design

Cat. No.	EMT/Rigid/FMC Conduit Size	Cable O.D. Range	Std. Pkg.
STS-50	5/16" - 1/2"	0.260" - 0.890"	100
STS-75	3/4"	0.670" - 1.090"	100
STS-100	1"	0.890" - 1.450"	100
STS-125	1-1/4"	1.150" - 1.700"	50
STS-150	1-1/2"	1.350" - 2.000"	50
STS-200	2"	1.875" - 2.570"	50
STS-250	2-1/2"	2.500" - 3.060"	25
STS-300	3"	3.000" - 3.600"	25
STS-350	3-1/2"	3.600" - 4.100"	25
STS-400	4"	4.100" - 4.700"	25



STAMPED STEEL CONDUIT HANGERS WITH BOLTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	EMT Size	Rigid Size	Std. Pkg.	Master Ctn.
PH-50B	#0B	1/2"	1/2" & 3/8"	50	500
PH-75B	#1B	3/4"	3/4"	50	500
PH-100B	#2B	1"	1"	25	250
PH-105B	#2-1/2B	1-1/4"	-	25	250
PH-125B	#3B	1-1/2"	1-1/4"	50	250
PH-150B	#4B	-	1-1/2"	50	250
PH-200B	#5B	2"	2"	20	100
PH-250B	#6B	2-1/2"	2-1/2"	10	50
PH-300B	#7B	3"	3"	10	50
PH-350B	#8B	3-1/2"	3-1/2"	10	50
PH-400B	#9B	4"	4"	5	25



STAMPED STEEL 1-HOLE RIGID STRAPS

PRODUCT FEATURES

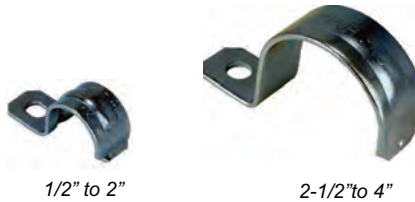
- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SR1-50	1/2"	100	1000
SR1-75	3/4"	100	1000
SR1-100	1"	100	500
SR1-125	1-1/4"	100	500
SR1-150	1-1/2"	50	500
SR1-200	2"	50	500
SU1-250	2-1/2"	25	100
SU1-300	3"	25	100
SU1-350	3-1/2"	25	100
SU1-400	4"	25	100



STAMPED STEEL 2-HOLE RIGID STRAPS

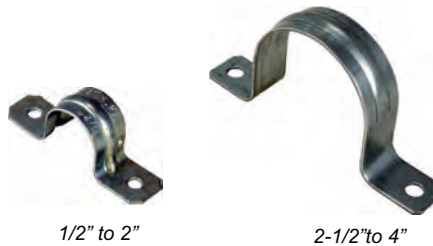
PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SR2-50	1/2"	100	1000
SR2-75	3/4"	100	1000
SR2-100	1"	100	500
SR2-125	1-1/4"	100	500
SR2-150	1-1/2"	50	500
SR2-200	2"	50	500
SU2-250	2-1/2"	25	100
SU2-300	3"	25	100
SU2-350	3-1/2"	25	100
SU2-400	4"	25	100



MALLEABLE IRON 1-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SRM1-50	1/2"	100	1000
SRM1-75	3/4"	50	500
SRM1-100	1"	25	250
SRM1-125	1-1/4"	20	200
SRM1-150	1-1/2"	10	100
SRM1-200	2"	10	50
SRM1-250	2-1/2"	-	25
SRM1-300	3"	-	25
SRM1-350	3-1/2"	-	10
SRM1-400	4"	-	10



D40 | Rigid/IMC Fittings



MALLEABLE IRON CLAMP BACK SPACERS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBS-50	1/2"	25	250
CBS-75	3/4"	25	250
CBS-100	1"	25	250
CBS-125	1-1/4"	10	100
CBS-150	1-1/2"	10	100
CBS-200	2"	5	50
CBS-250	2-1/2"	-	25
CBS-300	3"	-	10
CBS-350	3-1/2"	-	10
CBS-400	4"	-	10

MACHINED STEEL REDUCING BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RB-50/38	1/2" to 3/8"	100	500
RB-75/50	3/4" to 1/2"	100	500
RB-100/50	1" to 1/2"	50	250
RB-100/75	1" to 3/4"	50	250
RB-125/50	1-1/4" to 1/2"	20	100
RB-125/75	1-1/4" to 3/4"	20	100
RB-125/100	1-1/4" to 1"	20	100
RB-150/50	1-1/2" to 1/2"	10	50
RB-150/75	1-1/2" to 3/4"	10	50
RB-150/100	1-1/2" to 1"	10	50
RB-150/125	1-1/2" to 1-1/4"	10	50
RB-200/50	2" to 1/2"	10	50
RB-200/75	2" to 3/4"	10	50
RB-200/100	2" to 1"	10	50
RB-200/125	2" to 1-1/4"	10	50
RB-200/150	2" to 1-1/2"	10	50

MALLEABLE IRON REDUCING BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RB-250/200	2-1/2" to 2"	10	50
RB-300/200	3" to 2"	10	50
RB-300/250	3" to 2-1/2"	10	50
RB-350/250	3-1/2" to 2-1/2"	5	20
MRB-350/300	3-1/2" to 3"	5	20
MRB-400/350	4" to 3-1/2"	5	20

STEEL RIGID MALE ENLARGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc



SME-50/75



SME-100/125

Cat. No.	Male Size	Female Size	Std. Pkg.	Master Ctn.
SME-50/75	1/2"	3/4"	25	250
SME-75/100	3/4"	1"	10	100
SME-100/125	1"	1-1/4"	10	100

PVC PLASTIC INSULATING BUSHINGS

PRODUCT FEATURES

- ▶ 105°C Rated
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PB-50	1/2"	100	1000
PB-75	3/4"	100	1000
PB-100	1"	50	500
PB-125	1-1/4"	25	250
PB-150	1-1/2"	25	250
PB-200	2"	10	100
PB-250	2-1/2"	10	100
PB-300	3"	-	20
PB-350	3-1/2"	-	20
PB-400	4"	-	10
PB-500	5"	-	10
PB-600	6"	-	10

ZINC DIE CAST CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CB-50	1/2"	100	1000
CB-75	3/4"	50	500
CB-100	1"	50	500
CB-125	1-1/4"	25	250
CB-150	1-1/2"	25	250
CB-200	2"	15	90
CB-250	2-1/2"	2	10
CB-300	3"	2	10
CB-350	3-1/2"	-	5
CB-400	4"	-	5

ZINC DIE CAST INSULATED CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Full Machine-Cut Internal Threads
- ▶ Insulated Throat
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBI-50	1/2"	100	1000
CBI-75	3/4"	50	500
CBI-100	1"	50	500
CBI-125	1-1/4"	25	250
CBI-150	1-1/2"	25	250
CBI-200	2"	15	90
CBI-250	2-1/2"	2	10
CBI-300	3"	2	10
CBI-350	3-1/2"	-	5
CBI-400	4"	-	5

MALLEABLE IRON INSULATED CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 105°C rated insulated throat

NOTE

- ▶ Insulated color may vary



3/4"



1-1/4"

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCBI-50	1/2"	100	1000
MCBI-75	3/4"	50	500
MCBI-100	1"	50	500
MCBI-125	1-1/4"	25	250
MCBI-150	1-1/2"	25	100
MCBI-200	2"	10	100
MCBI-250	2-1/2"	-	50
MCBI-300	3"	-	25
MCBI-350	3-1/2"	-	25
MCBI-400	4"	-	10
MCBI-500	5"	-	10
MCBI-600	6"	-	10

D42 | Rigid/IMC Fittings



ZINC DIE CAST GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
GBLL-50	1/2"	#14 - #4	50	500
GBLL-75	3/4"	#14 - #4	40	400
GBLL-100	1"	#14 - #4	15	150
GBLL-125	1-1/4"	#14 - #4	15	150
GBLL-125-10	1-1/4"	#14 - #1/0	20	200
GBLL-150	1-1/2"	#14 - #4	10	100
GBLL-150-10	1-1/2"	#14 - #1/0	10	100
GBLL-200	2"	#14 - #4	5	50
GBLL-200-10	2"	#14 - #1/0	10	100
GBLL-250	2-1/2"	#6 - #250MCM	5	50
GBLL-250-10	2-1/2"	#14 - #1/0	-	50
GBLL-300	3"	#6 - #250MCM	5	50
GBLL-300-10	3"	#14 - #1/0	-	50
GBLL-350	3-1/2"	#6 - #250MCM	4	40
GBLL-350-10	3-1/2"	#14 - #1/0	-	10
GBLL-400	4"	#6 - #250MCM	4	40
GBLL-400-10	4"	#14 - #1/0	-	10

Electrical Fittings

MALLEABLE IRON GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MGBLL-50	1/2"	#14 - #4	50	200
MGBLL-75	3/4"	#14 - #4	25	100
MGBLL-100	1"	#14 - #4	25	100
MGBLL-125	1-1/4"	#14 - #4	10	50
MGBLL-125-10	1-1/4"	#14 - #1/0	20	200
MGBLL-150	1-1/2"	#14 - #4	10	50
MGBLL-150-10	1-1/2"	#14 - #1/0	10	100
MGBLL-200	2"	#14 - #4	10	50
MGBLL-200-10	2"	#14 - #1/0	10	100
MGBLL-250	2-1/2"	#6 - #250MCM	5	25
MGBLL-250-10	2-1/2"	#14 - #1/0	-	50
MGBLL-300	3"	#6 - #250MCM	5	25
MGBLL-300-10	3"	#14 - #1/0	-	25
MGBLL-350	3-1/2"	#6 - #250MCM	-	5
MGBLL-350-10	3-1/2"	#14 - #1/0	-	10
MGBLL-400	4"	#6 - #250MCM	-	5
MGBLL-400-10	4"	#14 - #1/0	-	10
MGBLL-500	5"	#6 - #250MCM	-	5
MGBLL-500-30	5"	#6 - #3/0	-	5
MGBLL-600	6"	#6 - #250MCM	-	5
MGBLL-600-30	6"	#6 - #3/0	-	5

GALVANIZED STAMPED STEEL REDUCING WASHERS

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RW-75/50	3/4" to 1/2"	250	1000
RW-100/50	1" to 1/2"	250	1000
RW-100/75	1" to 3/4"	250	1000
RW-125/50	1-1/4" to 1/2"	100	400
RW-125/75	1-1/4" to 3/4"	100	400
RW-125/100	1-1/4" to 1"	100	400
RW-150/50	1-1/2" to 1/2"	-	100
RW-150/75	1-1/2" to 3/4"	-	100
RW-150/100	1-1/2" to 1"	-	100
RW-150/125	1-1/2" to 1-1/4"	-	100
RW-200/50	2" to 1/2"	-	50
RW-200/75	2" to 3/4"	-	50
RW-200/100	2" to 1"	-	50
RW-200/125	2" to 1-1/4"	-	50
RW-200/150	2" to 1-1/2"	-	50
RW-250/50	2-1/2" to 1/2"	25	100
RW-250/75	2-1/2" to 3/4"	25	100
RW-250/100	2-1/2" to 1"	25	100
RW-250/125	2-1/2" to 1-1/4"	25	100
RW-250/150	2-1/2" to 1-1/2"	25	100
RW-250/200	2-1/2" to 2"	25	100
RW-300/50	3" to 1/2"	-	25
RW-300/75	3" to 3/4"	-	25
RW-300/100	3" to 1"	-	25
RW-300/125	3" to 1-1/4"	-	25
RW-300/150	3" to 1-1/2"	-	25
RW-300/200	3" to 2"	-	25
RW-300/250	3" to 2-1/2"	-	25
RW-350/50	3-1/2" to 1/2"	-	10
RW-350/75	3-1/2" to 3/4"	-	10
RW-350/100	3-1/2" to 1"	-	10
RW-350/125	3-1/2" to 1-1/4"	-	10
RW-350/150	3-1/2" to 1-1/2"	-	10
RW-350/200	3-1/2" to 2"	-	10
RW-350/250	3-1/2" to 2-1/2"	-	10
RW-350/300	3-1/2" to 3"	-	10
RW-400/50	4" to 1/2"	-	10
RW-400/75	4" to 3/4"	-	10
RW-400/100	4" to 1"	-	10
RW-400/125	4" to 1-1/4"	-	10
RW-400/150	4" to 1-1/2"	-	10
RW-400/200	4" to 2"	-	10
RW-400/250	4" to 2-1/2"	-	10
RW-400/300	4" to 3"	-	10
RW-400/350	4" to 3-1/2"	-	10

Electrical Fittings





ZINC DIE CAST CONDUIT LOCKNUTS

PRODUCT FEATURES

- ▶ Full-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LN-50	1/2"	100	1000
LN-75	3/4"	100	1000
LN-100	1"	100	1000
LN-125	1-1/4"	50	500
LN-150	1-1/2"	50	500
LN-200	2"	25	250
LN-250	2-1/2"	10	100
LN-300	3"	5	50
LN-350	3-1/2"	5	50
LN-400	4"	-	25



STEEL CONDUIT LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Full-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SLN-50	1/2"	100	1000
SLN-75	3/4"	100	1000
SLN-100	1"	100	1000
SLN-125	1-1/4"	50	500
SLN-150	1-1/2"	50	500
SLN-200	2"	25	250
SLN-250	2-1/2"	10	100
SLN-300	3"	5	50
SLN-350	3-1/2"	5	50
SLN-400	4"	-	25
SLN-500	5"	-	10
SLN-600	6"	-	10



STEEL SEALING LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Bonded with Molten Sealing Material
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSLN-50	1/2"	100	1000
SSLN-75	3/4"	100	1000
SSLN-100	1"	100	1000
SSLN-125	1-1/4"	50	500
SSLN-150	1-1/2"	50	500
SSLN-200	2"	25	250
SSLN-250	2-1/2"	10	100
SSLN-300	3"	5	50
SSLN-350	3-1/2"	5	50
SSLN-400	4"	-	25
SSLN-500	5"	-	10
SSLN-600	6"	-	10



STEEL GROUNDING (BONDING) RIGID LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
GL-50	1/2"	50	200
GL-75	3/4"	25	100
GL-100	1"	25	100
GL-125	1-1/4"	10	50
GL-150	1-1/2"	10	50
GL-200	2"	10	50
GL-250	2-1/2"	5	25
GL-300	3"	5	25
GL-350	3-1/2"	-	5
GL-400	4"	-	5
GL-500	5"	-	5
GL-600	6"	-	5



STEEL LIQUID TIGHT SEALING RINGS

PRODUCT FEATURES

- ▶ Neoprene Rubber Gasket
- ▶ Steel Retainer
- ▶ Form Liquid tight seal between connector and box



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTSR-50	1/2"	250	2500
LTSR-75	3/4"	200	2000
LTSR-100	1"	150	1500
LTSR-125	1-1/4"	100	1000
LTSR-150	1-1/2"	50	500
LTSR-200	2"	50	500
LTSR-250	2-1/2"	-	100
LTSR-300	3"	-	100
LTSR-350	3-1/2"	-	50
LTSR-400	4"	-	50



ZINC DIE CAST 3/4" OFFSET NIPPLES

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
ON-50	1/2"	25	250
ON-75	3/4"	20	200
ON-100	1"	10	100
ON-125	1-1/4"	5	50
ON-150	1-1/2"	5	50
ON-200	2"	3	30



D46 | Rigid/IMC Fittings



ZINC DIE CAST 1" LONG CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CN-50L	1/2"	100	1000
CN-75L	3/4"	50	500
CN-100L	1"	25	250



ZINC DIE CAST CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CN-50	1/2"	100	1000
CN-75	3/4"	100	1000
CN-100	1"	50	500
CN-125	1-1/4"	25	250
CN-150	1-1/2"	25	250
CN-200	2"	15	90



ZINC DIE CAST INSULATED CONDUIT CHASE NIPPLES

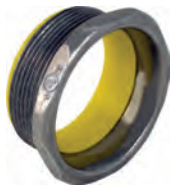
PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CNI-50	1/2"	100	1000
CNI-75	3/4"	100	1000
CNI-100	1"	50	500
CNI-125	1-1/4"	25	250
CNI-150	1-1/2"	25	250
CNI-200	2"	15	90
CNI-250	2-1/2"	2	10
CNI-300	3"	2	10
CNI-350	3-1/2"	-	5
CNI-400	4"	-	5



MALLEABLE IRON RIGID FLOOR FLANGES

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
FR-50	1/2"	50
FR-75	3/4"	50
FR-100	1"	50
FR-125	1-1/4"	25
FR-150	1-1/2"	25
FR-200	2"	25



MALLEABLE IRON CONCRETE SLAB INSERTS STRAIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI-50	1/2"	10	100
MCSI-75	3/4"	10	100
MCSI-100	1"	10	50

MALLEABLE IRON CONCRETE SLAB INSERTS 90° ANGLE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI90-50	1/2"	10	100
MCSI90-75	3/4"	10	100
MCSI90-100	1"	10	50

STEEL CONDUIT LOCKING CONNECTORS

PRODUCT FEATURES

- ▶ Holes for branch line restraints
- ▶ Locknut Included

**PATENT
PENDING**

**ORBIT INDUSTRIES
EXCLUSIVE**

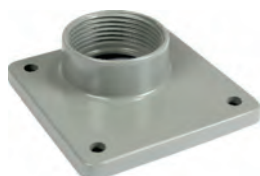


Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CLCSL-50	1/2"	10	100
CLCSL-75	3/4"	10	100

DIE CAST ALUMINUM METER HUBS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Rain-tight

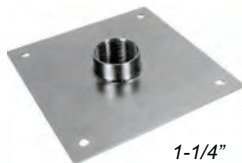


Cat. No.	Trade Size	Std. Pkg.
AMH-100	1"	10
AMH-125	1-1/4"	10
AMH-150	1-1/2"	10
AMH-200	2"	10
AMH-250	2-1/2"	10

STEEL ROOF COUPLING PLATES

PRODUCT FEATURES

- ▶ Allows for easy transition of different conduit types
- ▶ Suitable in any type of new or old work roof construction
- ▶ Allows conduit to run below the roof-line, reducing time spent de-rating conductors
- ▶ Different conduit stubs can be prefabricated to plate
- ▶ Maintains roof integrity by reducing support penetrations
- ▶ Can be used for through floor conduit penetrations



Cat. No.	Trade Size	Std. Pkg.	Base Plate Size	Base Plate Thickness
RCP-50	1/2"	20	6" x 6"	16 GA
RCP-75	3/4"	20		
RCP-100	1"	20		
RCP-125	1-1/4"	10	8" x 8"	15 GA
RCP-150	1-1/2"	10		
RCP-200	2"	10		

See pg. P18 for Installation Photos

**PATENT
PENDING**

**ORBIT INDUSTRIES
EXCLUSIVE**



D48 | Combination Fittings



STEEL EMT TO FLEX COUPLINGS SET-SCREW/DOUBLE-BITE SADDLE CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Set-Screw type for EMT conduit
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, RWFMC
- ▶ Suitable for dry location only

Cat. No.	Flex/Cable Range	EMT Size	Std. Pkg.	Master Ctn.
SEFSD-38	Steel AC: 14/2 (0.450") - 10/2 (0.660")	Steel HCF AC: 14/2 (0.450") - 10/2 (0.660")	1/2"	25 100
	AL AC: 14/2(0.450") - 10/2 (0.660")	AL HCF AC: 14/2 (0.450") - 10/2 (0.660")		
	Steel MCI: 14/2 (0.450") - 10/2 (0.660")	HCF MCI-A: 14/2 (0.400") - 10/3 (0.590")		
	AL MCI: 14/2 (0.450") - 10/2 (0.660")	Steel/AL FMC/RWFMC/XRWFMC: 3/8"		
	AL MCI-A: 14/2 (0.400") - 10/3 (0.590")			
SEFSD-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	Steel HCF AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25 100
	AL AC: 12/4 (0.550") - 6/3 (0.920")	AL HCF AC: 12/4 (0.550") - 6/3 (0.920")		
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")	HCF MCI-A: 12/4 (0.520") - 8/4 (0.770")		
	AL MCI: 10/4 (0.640") - 8/3 (0.920")	Steel/AL FMC/RWFMC/XRWFMC: 1/2"		
	AL MCI-A: 12/4 (0.520") - 8/4 (0.770")			
SEFSD-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	Steel HCF AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25 100
	AL AC: 8/3(0.680") - 4/3 (1.075")	AL HCF AC: 8/3 (0.680") - 4/3 (1.075")		
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")	HCF MCI-A: 8/4 (0.770") - 6/4 (1.110")		
	AL MCI: 6/4 (0.930") - 4/3 (1.075")	Steel/AL FMC/RWFMC/XRWFMC: 3/4"		
	AL MCI-A: 8/4 (0.770") - 6/4 (1.110")			



STEEL EMT TO FLEX COUPLINGS COMPRESSION/DOUBLE-BITE SADDLE CLAMP TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Compression type for EMT conduit
- ▶ Dual-gripping Saddle Clamp
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, MCI-A, HCF, RWFMC
- ▶ Suitable for dry location only

Cat. No.	Flex/Cable Range	EMT Size	Std. Pkg.	Master Ctn.
SEFCD-50	Steel AC: 12/4 (0.550") - 6/3 (0.920")	Steel HCF AC: 12/4 (0.550") - 6/3 (0.920")	1/2"	25 100
	AL AC: 12/4 (0.550") - 6/3 (0.920")	AL HCF AC: 12/4 (0.550") - 6/3 (0.920")		
	Steel MCI: 10/4 (0.640") - 8/3 (0.920")	HCF MCI-A: 12/4 (0.520") - 8/4 (0.770")		
	AL MCI: 10/4 (0.640") - 8/3 (0.920")	Steel/AL FMC/RWFMC/XRWFMC: 1/2"		
	AL MCI-A: 12/4 (0.520") - 8/4 (0.770")			
SEFCD-75	Steel AC: 6/4 (0.930") - 4/3 (1.075")	Steel HCF AC: 6/4 (0.930") - 4/3 (1.075")	3/4"	25 100
	AL AC: 8/3(0.680") - 4/3 (1.075")	AL HCF AC: 8/3 (0.680") - 4/3 (1.075")		
	Steel MCI: 8/3 (0.730") - 4/3 (1.075")	HCF MCI-A: 8/4 (0.770") - 6/4 (1.110")		
	AL MCI: 6/4 (0.930") - 4/3 (1.075")	Steel/AL FMC/RWFMC/XRWFMC: 3/4"		
	AL MCI-A: 8/4 (0.770") - 6/4 (1.110")			



STEEL RIGID TO EMT COMBINATION COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped

Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SRECS-50	1/2"	1/2"	25	250
SRECS-75	3/4"	3/4"	10	100
SRECS-100	1"	1"	10	100



1/2" to 3/4"

1"

ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/SQUEEZE TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF530	1/2" to 3/8"	50	500
OF531	1/2" to 1/2"	25	250
OF532	3/4" to 3/4"	25	100
OF533	1" to 1"	10	40



ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/CLAMP TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF520	1/2" to 3/8"	50	500
OF521	1/2" to 1/2"	25	250
OF522	3/4" to 3/4"	25	250
OF523	1" to 1"	10	40



ZINC DIE CAST
EMT TO FLEX COUPLINGS
COMPRESSION/SCREW-IN TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1611	1/2"	50	500
OF1612	3/4"	25	250
OF1613	1"	10	100



STEEL EMT TO LIQUID TIGHT
COMBINATION COUPLINGS
COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight
- ▶ Rain-Tight



Cat. No.	EMT Size	LT Size	Std. Pkg.	Master Ctn.
SELTC-50	1/2"	1/2"	25	250
SELTC-75	3/4"	3/4"	10	100
SELTC-100	1"	1"	10	100



3/4"



1"



D50 | Combination Fittings



STEEL RIGID TO EMT COMBINATION COUPLINGS THREADED/COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Internally threaded for Rigid/IMC conduit
- ▶ Compression type for EMT conduit
- ▶ Rain-Tight
- ▶ Concrete-Tight



Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SREC-50	1/2"	1/2"	25	100
SREC-75	3/4"	3/4"	25	100
SREC-100	1"	1"	10	40



STEEL RIGID TO LIQUID TIGHT COMBINATION COUPLINGS THREADED/COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Internally threaded for Rigid/IMC conduit
- ▶ Rain-Tight
- ▶ Concrete-Tight



Cat. No.	Rigid Size	LT Size	Std. Pkg.	Master Ctn.
SRLTC-50	1/2"	1/2"	25	100
SRLTC-75	3/4"	3/4"	10	40
SRLTC-100	1"	1"	10	40
SRLTC-125	1-1/4"	1-1/4"	5	20
SRLTC-150	1-1/2"	1-1/2"	-	15
SRLTC-200	2"	2"	-	10



ZINC DIE CAST RIGID TO FLEX COUPLINGS CLAMP TYPE

PRODUCT FEATURES

- ▶ For steel Flex only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF697	1/2"	25	250



ZINC DIE CAST RIGID TO FLEX COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ For steel Flex only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF694	1/2"	25	250
OF695	3/4"	25	250



**ZINC DIE CAST
RIGID TO BOX PULL ELBOWS
WITH GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



RIGID

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PEB-50	1/2"	10	100
PEB-75	3/4"	5	50
PEB-100	1"	-	25
PEB-125	1-1/4"	-	20

**ZINC DIE CAST
RIGID TO RIGID PULL ELBOWS
WITH GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



RIGID

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PE-50	1/2"	10	100
PE-75	3/4"	5	50
PE-100	1"	-	25
PE-125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO BOX PULL ELBOWS
SET-SCREW TYPE
WITH GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSPEB-G50	1/2"	10	100
SSPEB-G75	3/4"	5	50
SSPEB-G100	1"	-	25
SSPEB-G125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO BOX PULL ELBOWS
SET-SCREW TYPE
WITHOUT GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*SSPEB-50	1/2"	10	100
*SSPEB-75	3/4"	5	50
*SSPEB-100	1"	-	25
*SSPEB-125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO EMT PULL ELBOWS
SET-SCREW TYPE
WITH GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSPE-G50	1/2"	10	100
SSPE-G75	3/4"	5	50
SSPE-G100	1"	-	25
SSPE-G125	1-1/4"	-	20

**ZINC DIE CAST
EMT TO EMT PULL ELBOWS
SET-SCREW TYPE
WITHOUT GASKET**

PRODUCT FEATURES

- ▶ Aluminum Cover



SET-SCREW EMT

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSPE-50	1/2"	10	100
SSPE-75	3/4"	5	50
SSPE-100	1"	-	25
SSPE-125	1-1/4"	-	20



*While Supplies Last



D52 | Cast Device Boxes and Covers



MALLEABLE IRON 1-GANG CAST DEVICE BOXES DEAD END 2" DEEP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Dead-end configurations
- ▶ For both outdoor and indoor use (for outdoor when used with gasket and cover)



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFS-50	1/2"	1	5
1MFS-75	3/4"	1	5
1MFS-100	1"	1	5



MALLEABLE IRON 1-GANG DEEP CAST DEVICE BOXES DEAD END 2-7/10" DEEP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Dead-end configurations
- ▶ For both outdoor and indoor use (for outdoor when used with gasket and cover)



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFD-50	1/2"	1	5
1MFD-75	3/4"	1	5
1MFD-100	1"	1	5



MALLEABLE IRON 1-GANG CAST DEVICE BOXES FEED THROUGH 2" DEEP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Feed-Through configurations
- ▶ For both outdoor and indoor use (for outdoor when used with gasket and cover)



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFSC-50	1/2"	1	5
1MFSC-75	3/4"	1	5
1MFSC-100	1"	1	5



MALLEABLE IRON 1-GANG DEEP CAST DEVICE BOXES FEED THROUGH 2-7/10" DEEP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Feed-Through configurations
- ▶ For both outdoor and indoor use (for outdoor when used with gasket and cover)



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFDC-50	1/2"	1	5
1MFDC-75	3/4"	1	5
1MFDC-100	1"	1	5



MALLEABLE IRON 1-GANG CAST DEVICE BOX COVERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For use with FS & FD cast device box



Cat. No.	Description	Std. Pkg.
1MFC-B	Blank	20
1MFC-D	Duplex	20
1MFC-TS	Guarded Toggle Switch	20



STEEL 1-GANG CAST DEVICE BOX COVERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For use with FS & FD cast device box

Cat. No.	Description	Std. Pkg.
1SFC-B	Blank	25
1SFC-D	Duplex	25
1SFC-TS	Unguarded Toggle Switch	25
1SFC-G	GFI	25



NEOPRENE 1-GANG CAST DEVICE BOX GASKET

PRODUCT FEATURES

- ▶ For use with FS & FD cast device box

Cat. No.	Description	Std. Pkg.
FG-1	Neoprene Gasket	50





STEEL GROUNDING (BONDING) RIGID LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
GL-50	1/2"	50	200
GL-75	3/4"	25	100
GL-100	1"	25	100
GL-125	1-1/4"	10	50
GL-150	1-1/2"	10	50
GL-200	2"	10	50
GL-250	2-1/2"	5	25
GL-300	3"	5	25
GL-350	3-1/2"	-	5
GL-400	4"	-	5
GL-500	5"	-	5
GL-600	6"	-	5



Electrical Fittings

ZINC DIE CAST GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
GBLL-50	1/2"	#14 - #4	50	500
GBLL-75	3/4"	#14 - #4	40	400
GBLL-100	1"	#14 - #4	15	150
GBLL-125	1-1/4"	#14 - #4	15	150
GBLL-125-10	1-1/4"	#14 - #1/0	20	200
GBLL-150	1-1/2"	#14 - #4	10	100
GBLL-150-10	1-1/2"	#14 - #1/0	10	100
GBLL-200	2"	#14 - #4	5	50
GBLL-200-10	2"	#14 - #1/0	10	100
GBLL-250	2-1/2"	#6 - #250MCM	5	50
GBLL-250-10	2-1/2"	#14 - #1/0	-	50
GBLL-300	3"	#6 - #250MCM	5	50
GBLL-300-10	3"	#14 - #1/0	-	50
GBLL-350	3-1/2"	#6 - #250MCM	4	40
GBLL-350-10	3-1/2"	#14 - #1/0	-	10
GBLL-400	4"	#6 - #250MCM	4	40
GBLL-400-10	4"	#14 - #1/0	-	10



MALLEABLE IRON GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MGBLL-50	1/2"	#14 - #4	50	200
MGBLL-75	3/4"	#14 - #4	25	100
MGBLL-100	1"	#14 - #4	25	100
MGBLL-125	1-1/4"	#14 - #4	10	50
MGBLL-125-10	1-1/4"	#14 - #1/0	20	200
MGBLL-150	1-1/2"	#14 - #4	10	50
MGBLL-150-10	1-1/2"	#14 - #1/0	10	100
MGBLL-200	2"	#14 - #4	10	50
MGBLL-200-10	2"	#14 - #1/0	10	100
MGBLL-250	2-1/2"	#6 - #250MCM	5	25
MGBLL-250-10	2-1/2"	#14 - #1/0	-	50
MGBLL-300	3"	#6 - #250MCM	5	25
MGBLL-300-10	3"	#14 - #1/0	-	25
MGBLL-350	3-1/2"	#6 - #250MCM	-	5
MGBLL-350-10	3-1/2"	#14 - #1/0	-	10
MGBLL-400	4"	#6 - #250MCM	-	5
MGBLL-400-10	4"	#14 - #1/0	-	10
MGBLL-500	5"	#6 - #250MCM	-	5
MGBLL-500-30	5"	#6 - #3/0	-	5
MGBLL-600	6"	#6 - #250MCM	-	5
MGBLL-600-30	6"	#6 - #3/0	-	5



Electrical Fittings

COPPER DIRECT BURIAL MECHANICAL LUGS

PRODUCT FEATURES

- ▶ Stainless Steel Screw

Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
MLDB-14/10	#14 - #10	50	400
MLDB-14/6	#14 - #6	50	400
MLDB-14/4	#14 - #4	25	200
MLDB-6/100	#6 - #1/0	10	80



ALUMINUM TERMINAL LUGS SINGLE BARREL ONE HOLE MOUNT

PRODUCT FEATURES

- ▶ Electro Tinned
- ▶ Single barrel
- ▶ Dual rated for copper and aluminum conductors

Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
FTL-14/4	#14 - #4	50	400
FTL-14/2	#14 - #2	50	400
FTL-14/100	#14 - #1/0	25	200
FTL-14/200	#14 - #2/0	25	200





COPPER DIRECT BURIAL LAY-IN LUGS

PRODUCT FEATURES

- ▶ Stainless Steel Screw



Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
LLDB-14/4	#14 - #4	25	250

COPPER TIN PLATED DIRECT BURIAL LAY-IN LUG

LLTDB-14/4	#14 - #4	25	250
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COPPER TIN PLATED DIRECT BURIAL LAY-IN LUG FOR SOLAR INSTALLATIONS

LLTDB-SP-14/4	#14 - #4	25	250
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LLDB-14/4



LLTDB-14/4



LLTDB-SP-14/4

INTERSYSTEM GROUNDING AND BONDING BRIDGES

PRODUCT FEATURES

- ▶ Available in Zinc or Bronze
- ▶ Compatible with copper or aluminum wire

Cat. No.	CU/AL Wire Range	Material	Std. Pkg.	Master Ctn.
IGBB-5	#6 - #2 AWG Grounding Conductor for Central Hole #14 - #4 AWG Bonding Conductor for Side Hole	Zinc	10	50
IGBB-5B	#6 - #2 AWG Grounding Conductor for Central Hole #14 - #4 AWG Bonding Conductor for Side Hole	Bronze	10	50



IGBB-5



IGBB-5B



**VISIT OUR WEBSITE FOR
AN EXTENSIVE INDUSTRY
CROSS REFERENCE**

ZINC DIE CAST BARE GROUND CLAMP

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Ground		Std. Pkg.	Master Ctn.
	Wire Range	Trade Size		
GCBZ-50/100	#10 - #2	1/2" to 1"	25	200

BRONZE BARE GROUND CLAMPS

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Ground		Std. Pkg.	Master Ctn.
	Wire Range	Trade Size		
GCB-50/100	#10 - #2	1/2" to 1"	25	200
GCB-125/200	#10 - #2	1-1/4" to 2"	10	80
GCB-250/400	#10 - #2	2-1/2" to 4"	-	15
GCB-450/600	#10 - #2	4-1/2" to 6"	-	5

BRONZE BARE GROUND CLAMPS

PRODUCT FEATURES

- ▶ Brass Screws



Cat. No.	Ground		Std. Pkg.	Master Ctn.
	Wire Range	Trade Size		
GCBR-50/100	#10 - #2	1/2" to 1"	25	200

BRONZE ARMORED GROUND CLAMPS

PRODUCT FEATURES

- ▶ Steel Screws
- ▶ For use with #8, #6, #4 AWG Bare Wire or AC (BX) Armored Cable



Cat. No.	Ground		Std. Pkg.	Master Ctn.
	Wire Range	Trade Size		
GCA-50/100	#8 - #4	1/2" to 1"	25	150
GCA-125/200	#8 - #4	1-1/4" to 2"	10	80
GCA-250/400	#8 - #4	2-1/2" to 4"	-	15
GCA-450/600	#8 - #4	4-1/2" to 6"	-	5

BRONZE DIRECT BURIAL BARE GROUND CLAMPS

PRODUCT FEATURES

- ▶ Bronze Screws



Cat. No.	Ground		Std. Pkg.	Master Ctn.
	Wire Range	Trade Size		
GCBB-50/100	#10 - #2	1/2" to 1"	25	200
GCBB-125/200	#10 - #2	1-1/4" to 2"	10	80

- UL Listed for direct burial in earth or concrete.





BRONZE DIRECT BURIAL ARMORED GROUND CLAMPS

PRODUCT FEATURES

- ▶ Bronze Screws
- ▶ For use with #8, #6, #4 AWG Bare Wire or AC (BX) Armored Cable



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
G CAB-50/100	#8 - #4	1/2" to 1"	25	200

- UL Listed for direct burial in earth or concrete.

BRONZE GROUND CLAMPS WITH ADAPTER

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
G CAH-50/100	#8 - #4/0	1/2" to 1"	10	80
G CAH-125/200	#8 - #4/0	1-1/4" to 2"	5	40

HEAVY DUTY BRONZE DIRECT BURIAL FOR REBAR GROUND CLAMP

PRODUCT FEATURES

- ▶ Bronze Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
G CR-50/100	#8 - #2	1/2", 3/4 to 1"	25	200

- UL Listed for direct burial in earth or concrete.

BRONZE LAY-IN GROUND CLAMP

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
G CRL-38/100	#10 - #2	3/8" to 1" Rebar 1/2" to 1"	25	100

BRONZE DIRECT BURIAL LAY-IN CLAMP

PRODUCT FEATURES

- ▶ Stainless Steel Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
G CRLDB-38/100	#10 - #2	3/8" to 1" Rebar 1/2" to 1"	25	100

BRONZE CONDUIT CLAMPS FOR RIGID CONDUIT WITH ADAPTER

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Water Pipe Size	Hub Size	Ground Wire Range	Std. Pkg.	Master Ctn.
G CH-50/100-50	1/2" to 1"	1/2"	#10 - #2/0	10	50
G CH-50/100-75	1/2" to 1"	3/4"	#10 - #2/0	10	50
G CH-50/100-100	1/2" to 1"	1"	#10 - #3/0	10	50

BRONZE GROUND CLAMPS FOR RIGID CONDUIT WITH FLEXIBLE COPPER STRAP

PRODUCT FEATURES

- ▶ Steel Screws

Cat. No.	Water Pipe Size	Hub Size	Ground Wire Range	Std. Pkg.
AGS-50	1/2" to 1"	1/2"	#10 - #4	50
AGS-75	1/2" to 1"	3/4"	#10 - #4	50
AGS-100	1/2" to 1"	1"	#10 - #4	50



BRONZE CONDUIT HUB 360° SWING TYPE

PRODUCT FEATURES

- ▶ Steel Screws

Cat. No.	Pipe Size	Ground Wire Range	Std. Pkg.	Master Ctn.
H-50	1/2"	#10 - #2/0	25	200
H-75	3/4"	#10 - #2/0	25	200
H-100	1"	#10 - #3/0	20	160



BRONZE DIRECT BURIAL GROUND ROD CLAMPS

PRODUCT FEATURES

- ▶ Bronze or Stainless Steel Screw

Cat. No.	Ground Rod Size	Ground Wire Range	Std. Pkg.	Master Ctn.
GRC-50	1/2"	#10 - #2	35	280
GRC-58	5/8"	#10 - #2	30	240
GRC-75	3/4"	#10 - #2	20	160

- UL Listed for direct burial in earth or concrete.



D60 | Elbows, Nipples & Couplings

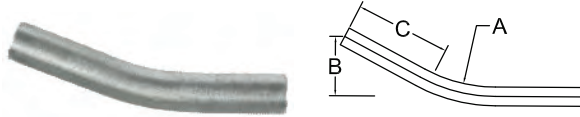


GALVANIZED STEEL 22.5° ANGLE EMT CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 797 and ANSI C80.3

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
EEL22-50	1/2"	4"	1-5/16"	2-5/8"	50
EEL22-75	3/4"	4-1/2"	1-7/16"	2-3/4"	50
EEL22-100	1"	5-3/4"	1-9/16"	2-7/8"	25
EEL22-125	1-1/4"	7-1/4"	1-3/4"	3-1/16"	20
EEL22-150	1-1/2"	8-1/4"	2"	3-1/2"	15
EEL22-200	2"	9-1/2"	2-5/16"	4-1/8"	10
EEL22-250	2-1/2"	10-1/2"	2-3/4"	5-1/16"	BULK
EEL22-300	3"	13"	3-1/4"	5-15/16"	BULK
EEL22-350	3-1/2"	15"	3-11/16"	6-11/16"	BULK
EEL22-400	4"	16"	3-15/16"	7"	BULK



GALVANIZED STEEL 45° ANGLE EMT CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 797 and ANSI C80.3

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
EEL45-50	1/2"	4"	3-1/16"	2-11/16"	50
EEL45-75	3/4"	4-1/2"	3-1/4"	2-3/4"	50
EEL45-100	1"	5-3/4"	3-13/16"	3"	25
EEL45-125	1-1/4"	7-1/4"	4-7/16"	3-1/4"	20
EEL45-150	1-1/2"	8-1/4"	4-15/16"	3-1/2"	15
EEL45-200	2"	9-1/2"	5-13/16"	4-5/16"	10
EEL45-250	2-1/2"	10-1/2"	6-11/16"	5-1/8"	BULK
EEL45-300	3"	13"	8-1/8"	6-1/8"	BULK
EEL45-350	3-1/2"	15"	9-3/16"	6-3/4"	BULK
EEL45-400	4"	16"	9-3/4"	7-1/16"	BULK

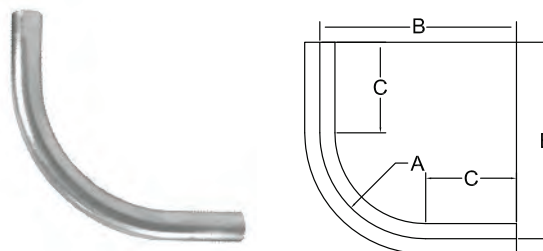


GALVANIZED STEEL 90° ANGLE EMT CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 797 and ANSI C80.3

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
EEL90-50	1/2"	4"	6-7/8"	2-7/8"	50
EEL90-75	3/4"	4-1/2"	7-7/16"	2-15/16"	50
EEL90-100	1"	5-3/4"	8-3/4"	3"	25
EEL90-125	1-1/4"	7-1/4"	10-9/16"	3-5/16"	20
EEL90-150	1-1/2"	8-1/4"	11-15/16"	3-5/8"	15
EEL90-200	2"	9-1/2"	13-3/4"	4-1/4"	10
EEL90-250	2-1/2"	10-1/2"	15-3/4"	5-1/4"	BULK
EEL90-300	3"	13"	19-1/8"	6-1/8"	BULK
EEL90-350	3-1/2"	15"	21-3/4"	6-3/4"	BULK
EEL90-400	4"	16"	23-1/8"	7-1/8"	BULK



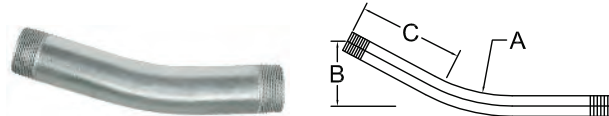
Electrical Fittings

GALVANIZED STEEL
22.5° ANGLE
RIGID CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
REL22-50	1/2"	4"	1-5/16"	2-5/8"	50
REL22-75	3/4"	4-1/2"	1-7/16"	2-3/4"	50
REL22-100	1"	5-3/4"	1-9/16"	2-7/8"	25
REL22-125	1-1/4"	7-1/4"	1-3/4"	3-1/16"	20
REL22-150	1-1/2"	8-1/4"	2"	3-1/2"	15
REL22-200	2"	9-1/2"	2-5/16"	4-1/8"	10
REL22-250	2-1/2"	10-1/2"	2-3/4"	5-1/16"	BULK
REL22-300	3"	13"	3-1/4"	5-15/16"	BULK
REL22-350	3-1/2"	15"	3-11/16"	6-11/16"	BULK
REL22-400	4"	16"	3-15/16"	7"	BULK



GALVANIZED STEEL
45° ANGLE
RIGID CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
REL45-50	1/2"	4"	3-1/16"	2-11/16"	50
REL45-75	3/4"	4-1/2"	3-1/4"	2-3/4"	50
REL45-100	1"	5-3/4"	3-13/16"	3"	25
REL45-125	1-1/4"	7-1/4"	4-7/16"	3-1/4"	20
REL45-150	1-1/2"	8-1/4"	4-15/16"	3-1/2"	15
REL45-200	2"	9-1/2"	5-13/16"	4-5/16"	10
REL45-250	2-1/2"	10-1/2"	6-11/16"	5-1/8"	BULK
REL45-300	3"	13"	8-1/8"	6-1/8"	BULK
REL45-350	3-1/2"	15"	9-3/16"	6-3/4"	BULK
REL45-400	4"	16"	9-3/4"	7-1/16"	BULK

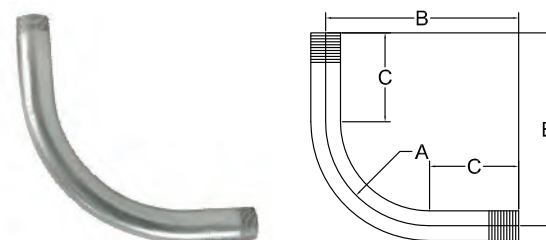


GALVANIZED STEEL
90° ANGLE
RIGID CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
REL90-50	1/2"	4"	6-7/8"	2-7/8"	50
REL90-75	3/4"	4-1/2"	7-7/16"	2-15/16"	50
REL90-100	1"	5-3/4"	8-3/4"	3"	25
REL90-125	1-1/4"	7-1/4"	10-9/16"	3-5/16"	20
REL90-150	1-1/2"	8-1/4"	11-15/16"	3-5/8"	15
REL90-200	2"	9-1/2"	13-3/4"	4-1/4"	10
REL90-250	2-1/2"	10-1/2"	15-3/4"	5-1/4"	BULK
REL90-300	3"	13"	19-1/8"	6-1/8"	BULK
REL90-350	3-1/2"	15"	21-3/4"	6-3/4"	BULK
REL90-400	4"	16"	23-1/8"	7-1/8"	BULK



D62 | Elbows, Nipples & Couplings



GALVANIZED STEEL RIGID CONDUIT NIPPLES

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread



Electrical Fittings

Cat. No.	Trade Size	Length	Std. Pkg.
RN-50-C	1/2"	1-1/8"	25
RN-50-150	1/2"	1-1/2"	25
RN-50-200	1/2"	2"	25
RN-50-250	1/2"	2-1/2"	25
RN-50-300	1/2"	3"	25
RN-50-350	1/2"	3-1/2"	25
RN-50-400	1/2"	4"	25
RN-50-500	1/2"	5"	25
RN-50-600	1/2"	6"	25
RN-50-800	1/2"	8"	25
RN-50-1000	1/2"	10"	25
RN-50-1200	1/2"	12"	25
RN-75-C	3/4"	1-3/8"	25
RN-75-150	3/4"	1-1/2"	25
RN-75-200	3/4"	2"	25
RN-75-250	3/4"	2-1/2"	25
RN-75-300	3/4"	3"	25
RN-75-350	3/4"	3-1/2"	25
RN-75-400	3/4"	4"	25
RN-75-500	3/4"	5"	25
RN-75-600	3/4"	6"	25
RN-75-800	3/4"	8"	25
RN-75-1000	3/4"	10"	25
RN-75-1200	3/4"	12"	25
RN-100-C	1"	1-1/2"	25
RN-100-200	1"	2"	25
RN-100-250	1"	2-1/2"	25
RN-100-300	1"	3"	25
RN-100-350	1"	3-1/2"	25
RN-100-400	1"	4"	25
RN-100-500	1"	5"	25
RN-100-600	1"	6"	25
RN-100-800	1"	8"	25
RN-100-1000	1"	10"	25
RN-100-1200	1"	12"	25
RN-125-C	1-1/4"	1-5/8"	25
RN-125-200	1-1/4"	2"	25
RN-125-250	1-1/4"	2-1/2"	25
RN-125-300	1-1/4"	3"	25
RN-125-350	1-1/4"	3-1/2"	25
RN-125-400	1-1/4"	4"	25
RN-125-500	1-1/4"	5"	25
RN-125-600	1-1/4"	6"	25
RN-125-800	1-1/4"	8"	25
RN-125-1000	1-1/4"	10"	25
RN-125-1200	1-1/4"	12"	25
RN-150-C	1-1/2"	1-3/4"	25
RN-150-200	1-1/2"	2"	25
RN-150-250	1-1/2"	2-1/2"	25
RN-150-300	1-1/2"	3"	25
RN-150-350	1-1/2"	3-1/2"	25
RN-150-400	1-1/2"	4"	25
RN-150-500	1-1/2"	5"	25
RN-150-600	1-1/2"	6"	25
RN-150-800	1-1/2"	8"	25
RN-150-1000	1-1/2"	10"	25
RN-150-1200	1-1/2"	12"	25
RN-200-C	2"	2"	25
RN-200-250	2"	2-1/2"	25
RN-200-300	2"	3"	25
RN-200-350	2"	3-1/2"	25

GALVANIZED STEEL RIGID CONDUIT NIPPLES

PRODUCT FEATURES

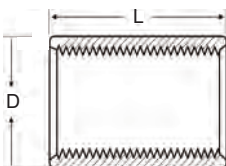
- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread



STEEL RIGID THREADED COUPLINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Length	Std. Pkg.
RN-200-400	2"	4"	25
RN-200-500	2"	5"	25
RN-200-600	2"	6"	25
RN-200-800	2"	8"	25
RN-200-1000	2"	10"	25
RN-200-1200	2"	12"	25
RN-250-C	2-1/2"	2-1/2"	30
RN-250-300	2-1/2"	3"	25
RN-250-350	2-1/2"	3-1/2"	15
RN-250-400	2-1/2"	4"	15
RN-250-500	2-1/2"	5"	15
RN-250-600	2-1/2"	6"	10
RN-250-800	2-1/2"	8"	5
RN-250-1000	2-1/2"	10"	5
RN-250-1200	2-1/2"	12"	5
RN-300-C	3"	2-5/8"	9
RN-300-300	3"	3"	9
RN-300-350	3"	3-1/2"	9
RN-300-400	3"	4"	9
RN-300-500	3"	5"	9
RN-300-600	3"	6"	9
RN-300-800	3"	8"	9
RN-300-1000	3"	10"	9
RN-300-1200	3"	12"	9
RN-350-C	3-1/2"	2-3/4"	9
RN-350-400	3-1/2"	4"	9
RN-350-500	3-1/2"	5"	9
RN-350-600	3-1/2"	6"	9
RN-350-800	3-1/2"	8"	9
RN-350-1000	3-1/2"	10"	9
RN-350-1200	3-1/2"	12"	9
RN-400-C	4"	2-7/8"	9
RN-400-400	4"	4"	9
RN-400-500	4"	5"	9
RN-400-600	4"	6"	9
RN-400-800	4"	8"	4
RN-400-1000	4"	10"	4
RN-400-1200	4"	12"	4
RN-500-C	5"	3"	4
RN-500-500	5"	5"	4
RN-500-600	5"	6"	4
RN-500-800	5"	8"	4
RN-500-1000	5"	10"	4
RN-500-1200	5"	12"	4
RN-600-C	6"	3-1/8"	4
RN-600-500	6"	5"	4
RN-600-600	6"	6"	4
RN-600-800	6"	8"	4
RN-600-1000	6"	10"	4
RN-600-1200	6"	12"	4

Cat. No.	Trade Size	DIMENSIONS		Std. Pkg.
		D	L	
RC-50	1/2"	0.995"	1.625"	100
RC-75	3/4"	1.235"	1.641"	50
RC-100	1"	1.515"	1.970"	30
RC-125	1-1/4"	1.851"	2.032"	20
RC-150	1-1/2"	2.138"	2.063"	20
RC-200	2"	2.624"	2.125"	20
RC-250	2-1/2"	3.218"	3.188"	24
RC-300	3"	3.831"	3.313"	16
RC-350	3-1/2"	4.455"	3.406"	12
RC-400	4"	4.831"	3.516"	10
RC-500	5"	5.940"	3.954"	1
RC-600	6"	7.128"	4.250"	1

D64 | Elbows, Nipples & Couplings



ZINC DIE CAST 3/4" OFFSET NIPPLES

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
ON-50	1/2"	25	250
ON-75	3/4"	20	200
ON-100	1"	10	100
ON-125	1-1/4"	5	50
ON-150	1-1/2"	5	50
ON-200	2"	3	30

ZINC DIE CAST 1" LONG CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CN-50L	1/2"	100	1000
CN-75L	3/4"	50	500
CN-100L	1"	25	250

ZINC DIE CAST CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CN-50	1/2"	100	1000
CN-75	3/4"	100	1000
CN-100	1"	50	500
CN-125	1-1/4"	25	250
CN-150	1-1/2"	25	250
CN-200	2"	15	90

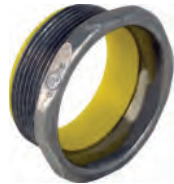
ZINC DIE CAST INSULATED CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CNI-50	1/2"	100	1000
CNI-75	3/4"	100	1000
CNI-100	1"	50	500
CNI-125	1-1/4"	25	250
CNI-150	1-1/2"	25	250
CNI-200	2"	15	90
CNI-250	2-1/2"	2	10
CNI-300	3"	2	10
CNI-350	3-1/2"	-	5
CNI-400	4"	-	5

ZINC DIE CAST BOX TO BOX CONNECTOR

PRODUCT FEATURES

- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF781	1/2"	100	500

ZINC DIE CAST INSULATED BOX TO BOX CONNECTOR

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF781-S	1/2"	100	500

STAMPED STEEL 1-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SE1-50	1/2"	100	1000
SE1-75	3/4"	100	1000
SE1-100	1"	100	500
SE1-125	1-1/4"	100	500
SE1-150	1-1/2"	50	500
SE1-200	2"	50	500
SU1-250	2-1/2"	25	100
SU1-300	3"	25	100
SU1-350	3-1/2"	25	100
SU1-400	4"	25	100



1/2" to 2"



2-1/2" to 4"

STAMPED STEEL 2-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SE2-50	1/2"	100	1000
SE2-75	3/4"	100	1000
SE2-100	1"	100	500
SE2-125	1-1/4"	100	500
SE2-150	1-1/2"	50	500
SE2-200	2"	50	500
SU2-250	2-1/2"	25	100
SU2-300	3"	25	100
SU2-350	3-1/2"	25	100
SU2-400	4"	25	100



1/2" to 2"



2-1/2" to 4"

STAMPED STEEL 1-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SR1-50	1/2"	100	1000
SR1-75	3/4"	100	1000
SR1-100	1"	100	500
SR1-125	1-1/4"	100	500
SR1-150	1-1/2"	50	500
SR1-200	2"	50	500
SU1-250	2-1/2"	25	100
SU1-300	3"	25	100
SU1-350	3-1/2"	25	100
SU1-400	4"	25	100



1/2" to 2"



2-1/2" to 4"



D66 | Straps, Clamps and Hangers



STAMPED STEEL 2-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SR2-50	1/2"	100	1000
SR2-75	3/4"	100	1000
SR2-100	1"	100	500
SR2-125	1-1/4"	100	500
SR2-150	1-1/2"	50	500
SR2-200	2"	50	500
SU2-250	2-1/2"	25	100
SU2-300	3"	25	100
SU2-350	3-1/2"	25	100
SU2-400	4"	25	100



1/2" to 2"

2-1/2" to 4"

STAMPED STEEL 1-HOLE RG6U CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-25	RG6U (Coaxial Cable) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE MC(BX) CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-38	12-2, 12-3, 10-2, 10-3 MC (BX) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES1-50	Three #8, #6, #4	100	500
SES1-75	Three #3, #2	100	500
SES1-100	Three #1, #1/0, #2/0	50	250
SES1-200	Three #3/0, #4/0	25	250



STAMPED STEEL 2-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES2-50	Three #8, #6, #4	20	100
SES2-75	Three #3, #2	20	100
SES2-100	Three #1, #1/0, #2/0	20	100
SES2-200	Three #3/0, #4/0	20	100



MALLEABLE IRON 1-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SRM1-50	1/2"	100	1000
SRM1-75	3/4"	50	500
SRM1-100	1"	25	250
SRM1-125	1-1/4"	20	200
SRM1-150	1-1/2"	10	100
SRM1-200	2"	10	50
SRM1-250	2-1/2"	-	25
SRM1-300	3"	-	25
SRM1-350	3-1/2"	-	10
SRM1-400	4"	-	10



MALLEABLE IRON CLAMP BACK SPACERS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBS-50	1/2"	25	250
CBS-75	3/4"	25	250
CBS-100	1"	25	250
CBS-125	1-1/4"	10	100
CBS-150	1-1/2"	10	100
CBS-200	2"	5	50
CBS-250	2-1/2"	-	25
CBS-300	3"	-	10
CBS-350	3-1/2"	-	10
CBS-400	4"	-	10



STAMPED STEEL NAIL STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Varies according to sizes

Cat. No.	EMT Size	Flex/Rigid Size	Std. Pkg.	Master Ctn.
NS-50	1/2"	3/8"	100	1000
NS-50/75	3/4"	1/2"	100	1000
NS-100	1"	3/4"	100	1000



PRE-GALVANIZED STEEL STUD MOUNTING CABLE SUPPORT

PRODUCT FEATURES

- ▶ Wood or Metal Stud
- ▶ Easy to Lock
- ▶ Space Saving Packaging

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100



D68 | Straps, Clamps and Hangers



STAMPED STEEL UNIVERSAL STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Listed for EMT, IMC and Rigid **ST-50 to ST-200:**
- ▶ Break-apart design without Nut
- ▶ Improved Screw Hole Threads in 2024
- ▶ **STN-50 to STN-200 & ST-250 to ST-400:**
- ▶ Two-piece design with Nut

Cat. No. With Nut	Cat. No. Without Nut	Trade Size	Std. Pkg.
STN-50	ST-50	1/2"	100
STN-75	ST-75	3/4"	100
STN-100	ST-100	1"	100
STN-125	ST-125	1-1/4"	100
STN-150	ST-150	1-1/2"	50
STN-200	ST-200	2"	50
ST-250		2-1/2"	50
ST-300		3"	25
ST-350		3-1/2"	25
ST-400		4"	25



STN-50 to STN-200
ST-250 to ST-400



ST-50 to ST-200

STAMPED STEEL SADDLE TYPE STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Tri-Combo Hex Screw Head
- ▶ Wide Saddle Design

Cat. No.	EMT/Rigid/FMC Conduit Size	Cable O.D. Range	Std. Pkg.
STS-50	5/16" - 1/2"	0.260" - 0.890"	100
STS-75	3/4"	0.670" - 1.090"	100
STS-100	1"	0.890" - 1.450"	100
STS-125	1-1/4"	1.150" - 1.700"	50
STS-150	1-1/2"	1.350" - 2.000"	50
STS-200	2"	1.875" - 2.570"	50
STS-250	2-1/2"	2.500" - 3.060"	25
STS-300	3"	3.000" - 3.600"	25
STS-350	3-1/2"	3.600" - 4.100"	25
STS-400	4"	4.100" - 4.700"	25



STAMPED STEEL CONDUIT HANGERS WITH BOLTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	EMT Size	Rigid Size	Std. Pkg.	Master Ctn.
PH-50B	#0B	1/2"	1/2" & 3/8"	50	500
PH-75B	#1B	3/4"	3/4"	50	500
PH-100B	#2B	1"	1"	25	250
PH-105B	#2-1/2B	1-1/4"	-	25	250
PH-125B	#3B	1-1/2"	1-1/4"	50	250
PH-150B	#4B	-	1-1/2"	50	250
PH-200B	#5B	2"	2"	20	100
PH-250B	#6B	2-1/2"	2-1/2"	10	50
PH-300B	#7B	3"	3"	10	50
PH-350B	#8B	3-1/2"	3-1/2"	10	50
PH-400B	#9B	4"	4"	5	25



STEEL BEAM CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BC-25	1/4"-20 Tap, 11/16" Jaw, 100 lb. Load	50	250
BC-38	3/8"-16 Tap, 7/8" Jaw, 200 lb. Load	25	100



MALLEABLE IRON BEAM CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BCM-25	1/4"-20 Tap, 3/4" Jaw, 125 lb. Load	50	250
BCM-38	3/8"-16 Tap, 7/8" Jaw, 300 lb. Load	25	100
BCM-50	1/2"-13 Tap, 1" Jaw, 600 lb. Load	10	50



MALLEABLE IRON CONDUIT CLAMPS EDGE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCE-50	1/2"	50
MCCE-75	3/4"	50
MCCE-100	1"	25
MCCE-125	1-1/4"	25
MCCE-150	1-1/2"	25
MCCE-200	2"	25
MCCE-250	2-1/2"	10
MCCE-300	3"	10



1/2"

1"

MALLEABLE IRON CONDUIT CLAMPS RIGHT ANGLE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCR-50	1/2"	50
MCCR-75	3/4"	50
MCCR-100	1"	50
MCCR-125	1-1/4"	50
MCCR-150	1-1/2"	50
MCCR-200	2"	50
MCCR-250	2-1/2"	25
MCCR-300	3"	25
MCCR-350	3-1/2"	25
MCCR-400	4"	25



1/2"

1"



D70 | Straps, Clamps and Hangers



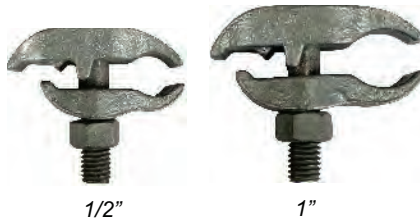
MALLEABLE IRON CONDUIT CLAMPS PARALLEL TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCP-50	1/2"	50
MCCP-75	3/4"	50
MCCP-100	1"	50
MCCP-125	1-1/4"	25
MCCP-150	1-1/2"	25
MCCP-200	2"	25
MCCP-250	2-1/2"	10
MCCP-300	3"	10
MCCP-350	3-1/2"	10
MCCP-400	4"	10



STEEL U-BOLTS WITH HEX NUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Unified Coarse Thread

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SUB-50	1/2"	25	250
SUB-75	3/4"	25	250
SUB-100	1"	25	250
SUB-125	1-1/4"	20	200
SUB-150	1-1/2"	20	200
SUB-200	2"	20	200
SUB-250	2-1/2"	-	10
SUB-300	3"	-	10
SUB-350	3-1/2"	-	10
SUB-400	4"	-	10



STEEL FIXTURE HANGERS

Cat. No.	For Use With	Mount Position	Std. Pkg.	Master Ctn.
FH-E	2, 3, or 4 Light Fixtures	End Mount	100	500
FH-S	2, 3, or 4 Light Fixtures	Side Mount	100	500



STEEL HANGER SCREW WITH SINGLE HOLE

PRODUCT FEATURES

- ▶ Wood Screw Thread

Cat. No.	Description	Dimension	Std. Pkg.	Master Ctn.
H-SCREW	Flat Hanger Screw	1/4" x 3"	100	500



COPPER-FREE ALUMINUM SERVICE ENTRANCE CAPS CLAMP TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
EC-50	1/2"	15	90
EC-75	3/4"	10	60
EC-100	1"	7	42
EC-125	1-1/4"	5	30
EC-150	1-1/2"	4	24
EC-200	2"	4	8
EC-250	2-1/2"	1	3
EC-300	3"	1	3
EC-300L (Large Body)	3"	1	3
EC-350	3-1/2"	1	2
EC-400	4"	1	2



HEAVY-DUTY PVC SERVICE ENTRANCE HEADS

PRODUCT FEATURES

- ▶ Snap-on Covers

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
*ECP-50	1/2"	5	10
*ECP-75	3/4"	2	10
*ECP-100	1"	2	10
*ECP-125	1-1/4"	-	5
*ECP-150	1-1/2"	2	10



HEAVY-DUTY PVC SERVICE ENTRANCE CABLE CAPS

PRODUCT FEATURES

- ▶ Snap-on Covers

Cat. No.	Description	Std. Pkg.
ECCP-50	#8, #6, #4, #2	10
ECCP-100	#1/0, #2/0	10
ECCP-200	#3/0, #4/0	10



STAMPED STEEL 1-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES1-50	Three #8, #6, #4	100	500
SES1-75	Three #3, #2	100	500
SES1-100	Three #1, #1/0, #2/0	50	250
SES1-200	Three #3/0, #4/0	25	250



STAMPED STEEL 2-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES2-50	Three #8, #6, #4	20	100
SES2-75	Three #3, #2	20	100
SES2-100	Three #1, #1/0, #2/0	20	100
SES2-200	Three #3/0, #4/0	20	100

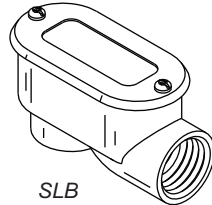


D72 | Service Entrance

DIE CAST COPPER-FREE ALUMINUM THREADED SERVICE ENTRANCE CONDUIT BODIES "SLB" SERIES

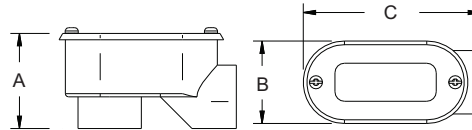
PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



SLB

Cat. No.	Trade Size	DIMENSIONS - SLB SERIES			Std. Pkg.
		A	B	C	
SLB-50	1/2"	1-5/8"	1-3/8"	3-9/32"	20
SLB-75	3/4"	1-27/32"	1-9/16"	3-19/32"	20
SLB-100	1"	2-1/8"	1-31/32"	4-5/16"	10
SLB-125	1-1/4"	2-19/32"	2-7/16"	5-9/16"	10
SLB-150	1-1/2"	2-19/32"	2-5/8"	6-1/4"	6
SLB-200	2"	3-1/8"	3-1/8"	6-3/4"	3



ZINC DIE CAST WATERTIGHT SERVICE ENTRANCE CABLE CONNECTORS

PRODUCT FEATURES

- ▶ Watertight



Cat. No.	Trade Size	Wire Size	Grommet Opening	Std. Pkg.	Master Ctn.
WECC-100-8	1"	#8	0.40" - 0.68"	10	100
WECC-100-6	1"	#6	0.44" - 0.70"	10	100
WECC-100-4	1"	#4	0.52" - 0.84"	10	100
WECC-125-3	1-1/4"	#3	0.56" - 0.92"	10	50
WECC-125-2	1-1/4"	#2	0.60" - 1.00"	10	50
WECC-125-1	1-1/4"	#1	0.65" - 1.09"	10	50
WECC-150-10	1-1/2"	#1/0	0.72" - 1.24"	5	50
WECC-150-20	1-1/2"	#2/0	0.86" - 1.34"	5	50
WECC-150-30	1-1/2"	#3/0	0.87" - 1.37"	5	50
WECC-200-10	2"	#1/0	0.72" - 1.24"	5	25
WECC-200-20	2"	#2/0	0.86" - 1.34"	5	25
WECC-200-30	2"	#3/0	0.87" - 1.34"	5	25
WECC-200-40	2"	#4/0	0.90" - 1.50"	5	25
WECC-200-40N	2"	#4/0	1.11" - 1.73"	5	25

ZINC DIE CAST NON-METALLIC CABLE CONNECTORS

NOTE

- ▶ Sizes 1" to 2" are also suitable for service entrance



Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
RX-50	(1) 14/2 to 10/2 NM, (2) 14/2 or (2) 12/2 NM, 0.340" to 0.380" Dia. Flex Cord (Dry Location) 14/3, 16/2, and 16/3 SJO	1/2"	100	1000
RX-75	(2) 14-2 NM, AWG, 0.340" to 0.515" Dia. Flex Cord (Dry Location) 14/3, 14/2 SJO	3/4"	25	250

For Service Entrance

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
RX-100	(4) 14/2, (1) 8/3, 8/2, 6/2, 6/3, 4/2, 4/3 NM (1) 2 SE Cable	1"	10	100
RX-125	4/3 or 2/3 NM	1-1/4"	5	50
RX-150	3-2/0 or 3-4/0 NM	1-1/2"	5	50
RX-200	3-2/0 or 3-4/0 NM	2"	5	50

DIE CAST ALUMINUM METER HUBS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Rain-tight



Cat. No.	Trade Size	Std. Pkg.
AMH-100	1"	10
AMH-125	1-1/4"	10
AMH-150	1-1/2"	10
AMH-200	2"	10
AMH-250	2-1/2"	10

24GA GALVANIZED STEEL ROOF JACKS

PRODUCT FEATURES

- ▶ Uninsulated
- ▶ For service entrance conduit or ventilation pipe
- ▶ Fits Flat to 40°



Cat. No.	Trade Size	Std. Pkg.
RJ-50	1/2"	24
RJ-75	3/4"	24
RJ-100	1"	24
*RJ-125	1-1/4"	24
RJ-150	1-1/2"	24
*RJ-200	2"	24
*RJ-300	3"	12
RJ-400	4"	12

* 26GA Galvanized Steel; Fits Flat to 22.6° (5/12 Pitch)



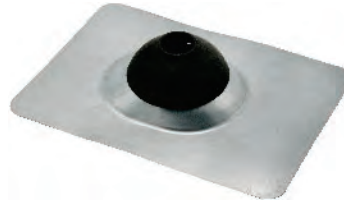
24GA GALVANIZED STEEL ROOF FLASHING WITH SEAL

PRODUCT FEATURES

- ▶ Neoprene Seal
- ▶ Fits Flat to 40°
- ▶ For Service Entrance Conduit or Ventilation Pipe



Cat. No.	Trade Size	Std. Pkg.
RFS-125/150 NEW	1-1/4" to 1-1/2"	25
RFS-200 NEW	2"	25
RFS-250 NEW	2-1/2"	25



SERVICE ENTRANCE WEDGE GRIP CLAMPS

PRODUCT FEATURES

- ▶ Designed to make quick sag adjustments
- ▶ For use with ACSR, AAC, AAAC service cables
- ▶ Aluminum Body
- ▶ Stainless Steel Solid Bail

Cat. No.	ACSR Wire Size	Std. Pkg.	Master Ctn.
SEWG-1	#6 - #2	10	50
SEWG-2	#4 - 1/0	5	25
SEWG-3	2/0 - 4/0	5	25



PORCELAIN WIRE HOLDERS

PRODUCT FEATURES

- ▶ Porcelain & Galvanized Steel
- ▶ Varies according to sizes

Cat. No.	Description	Std. Pkg.	Master Ctn.
PWH-L	With 3/8" x 2-1/4" Lag Bolt	5	20
PWH-M	With Steel Clip for 1-1/4" to 3" Mast	5	20



PWH-L

PWH-M

D74 | Bushings, Locknuts and Washers



MACHINED STEEL REDUCING BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RB-50/38	1/2" to 3/8"	100	500
RB-75/50	3/4" to 1/2"	100	500
RB-100/50	1" to 1/2"	50	250
RB-100/75	1" to 3/4"	50	250
RB-125/50	1-1/4" to 1/2"	20	100
RB-125/75	1-1/4" to 3/4"	20	100
RB-125/100	1-1/4" to 1"	20	100
RB-150/50	1-1/2" to 1/2"	10	50
RB-150/75	1-1/2" to 3/4"	10	50
RB-150/100	1-1/2" to 1"	10	50
RB-150/125	1-1/2" to 1-1/4"	10	50
RB-200/50	2" to 1/2"	10	50
RB-200/75	2" to 3/4"	10	50
RB-200/100	2" to 1"	10	50
RB-200/125	2" to 1-1/4"	10	50
RB-200/150	2" to 1-1/2"	10	50



MALLEABLE IRON REDUCING BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RB-250/200	2-1/2" to 2"	10	50
RB-300/200	3" to 2"	10	50
RB-300/250	3" to 2-1/2"	10	50
RB-350/250	3-1/2" to 2-1/2"	5	20
MRB-350/300	3-1/2" to 3"	5	20
MRB-400/350	4" to 3-1/2"	5	20



STEEL RIGID MALE ENLARGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Male Size	Female Size	Std. Pkg.	Master Ctn.
SME-50/75	1/2"	3/4"	25	250
SME-75/100	3/4"	1"	10	100
SME-100/125	1"	1-1/4"	10	100



SME-50/75

SME-100/125

PVC PLASTIC INSULATING BUSHINGS

PRODUCT FEATURES

- ▶ 105°C Rated
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PB-50	1/2"	100	1000
PB-75	3/4"	100	1000
PB-100	1"	50	500
PB-125	1-1/4"	25	250
PB-150	1-1/2"	25	250
PB-200	2"	10	100
PB-250	2-1/2"	10	100
PB-300	3"	-	20
PB-350	3-1/2"	-	20
PB-400	4"	-	10
PB-500	5"	-	10
PB-600	6"	-	10



Electrical Fittings

ZINC DIE CAST CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CB-50	1/2"	100	1000
CB-75	3/4"	50	500
CB-100	1"	50	500
CB-125	1-1/4"	25	250
CB-150	1-1/2"	25	250
CB-200	2"	15	90
CB-250	2-1/2"	2	10
CB-300	3"	2	10
CB-350	3-1/2"	-	5
CB-400	4"	-	5



ZINC DIE CAST CONDUIT BUSHINGS INSULATED

PRODUCT FEATURES

- ▶ Full Machine-Cut Internal Threads
- ▶ Insulated Throat
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBI-50	1/2"	100	1000
CBI-75	3/4"	50	500
CBI-100	1"	50	500
CBI-125	1-1/4"	25	250
CBI-150	1-1/2"	25	250
CBI-200	2"	15	90
CBI-250	2-1/2"	2	10
CBI-300	3"	2	10
CBI-350	3-1/2"	-	5
CBI-400	4"	-	5



MALLEABLE IRON INSULATED CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 105°C rated insulated throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCBI-50	1/2"	100	1000
MCBI-75	3/4"	50	500
MCBI-100	1"	50	500
MCBI-125	1-1/4"	25	250
MCBI-150	1-1/2"	25	100
MCBI-200	2"	10	100
MCBI-250	2-1/2"	-	50
MCBI-300	3"	-	25
MCBI-350	3-1/2"	-	25
MCBI-400	4"	-	10
MCBI-500	5"	-	10
MCBI-600	6"	-	10



3/4"

1-1/4"



D76 | Bushings, Locknuts and Washers



ZINC DIE CAST GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
GBLL-50	1/2"	#14 - #4	50	500
GBLL-75	3/4"	#14 - #4	40	400
GBLL-100	1"	#14 - #4	15	150
GBLL-125	1-1/4"	#14 - #4	15	150
GBLL-125-10	1-1/4"	#14 - #1/0	20	200
GBLL-150	1-1/2"	#14 - #4	10	100
GBLL-150-10	1-1/2"	#14 - #1/0	10	100
GBLL-200	2"	#14 - #4	5	50
GBLL-200-10	2"	#14 - #1/0	10	100
GBLL-250	2-1/2"	#6 - #250MCM	5	50
GBLL-250-10	2-1/2"	#14 - #1/0	-	50
GBLL-300	3"	#6 - #250MCM	5	50
GBLL-300-10	3"	#14 - #1/0	-	50
GBLL-350	3-1/2"	#6 - #250MCM	4	40
GBLL-350-10	3-1/2"	#14 - #1/0	-	10
GBLL-400	4"	#6 - #250MCM	4	40
GBLL-400-10	4"	#14 - #1/0	-	10

Electrical Fittings

MALLEABLE IRON GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MGBLL-50	1/2"	#14 - #4	50	200
MGBLL-75	3/4"	#14 - #4	25	100
MGBLL-100	1"	#14 - #4	25	100
MGBLL-125	1-1/4"	#14 - #4	10	50
MGBLL-125-10	1-1/4"	#14 - #1/0	20	200
MGBLL-150	1-1/2"	#14 - #4	10	50
MGBLL-150-10	1-1/2"	#14 - #1/0	10	100
MGBLL-200	2"	#14 - #4	10	50
MGBLL-200-10	2"	#14 - #1/0	10	100
MGBLL-250	2-1/2"	#6 - #250MCM	5	25
MGBLL-250-10	2-1/2"	#14 - #1/0	-	50
MGBLL-300	3"	#6 - #250MCM	5	25
MGBLL-300-10	3"	#14 - #1/0	-	25
MGBLL-350	3-1/2"	#6 - #250MCM	-	5
MGBLL-350-10	3-1/2"	#14 - #1/0	-	10
MGBLL-400	4"	#6 - #250MCM	-	5
MGBLL-400-10	4"	#14 - #1/0	-	10
MGBLL-500	5"	#6 - #250MCM	-	5
MGBLL-500-30	5"	#6 - #3/0	-	5
MGBLL-600	6"	#6 - #250MCM	-	5
MGBLL-600-30	6"	#6 - #3/0	-	5

STEEL FLEX BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Used to insulate cut Flex when the conduit is used for data cables without a junction box

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
FB-50	1/2"	100	1000
FB-75	3/4"	100	500
FB-100	1"	25	250



Shown Installed

PLASTIC EMT BUSHINGS

PRODUCT FEATURES

- ▶ Protects wires from damage by sharp edges of EMT
- ▶ Size 2-1/2" to 4" can also be used for Rigid, IMC and PVC conduit

NOTE

- ▶ Color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
TPB-50	1/2"	100	1000
TPB-75	3/4"	100	1000
TPB-100	1"	50	500
TPB-125	1-1/4"	25	250
TPB-150	1-1/2"	25	250
TPB-200	2"	10	100
TPB-250	2-1/2"	10	100
TPB-300	3"	-	20
TPB-350	3-1/2"	-	20
TPB-400	4"	-	10



PLASTIC NON-METALLIC CABLE QUICK-LOCK CONNECTORS

PRODUCT FEATURES

- ▶ Easy and fast installation
- ▶ Simply remove with screwdriver if necessary

Cat. No.	NM Cable Range	Trade Size	KO Size	Std. Pkg.	Master Ctn.
PQLC-38	14/2 - 10/3	3/8"	1/2"	100	1000
PQLC-75	14/3 - 6/3	3/4"	3/4"	50	500



PQLC-38



PQLC-75

PLASTIC UNIVERSAL METAL STUD GROMMET

PRODUCT FEATURES

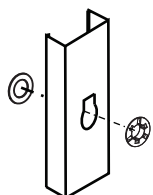
- ▶ High Strength, non-conductive polypropylene
- ▶ Universal design fits into a standard 1" Trade Size hole and all factory-punched stud holes
- ▶ Lightweight material eases installation



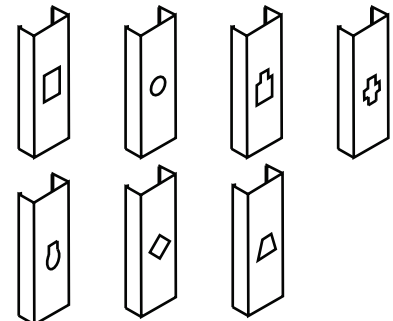
Cat. No.	Description	Std. Pkg.
PUSG	Universal Snap-in type bushings for Metal Stud, fit all factory punched metal stud holes	100

INSTALLATION INSTRUCTION:

- Step1:** Separate the two halves
- Step2:** Snap the bushing end and the washer end together through the hole
- Step3:** Install cable through the grommet



COMMON HOLE SHAPES IN METAL STUDS:



D78 | Bushings, Locknuts and Washers



ANTI-SHORT BUSHINGS THERMOPLASTIC

PRODUCT FEATURES

- ▶ High-Temperature Plastic
- ▶ Fits BX (AC) and Flex Conduits

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
ASB-516	14/2, 14/3, 12/2	5/16"	35	3500
ASB-38	14/4, 12/3, 6/1, 4/1	3/8"	35	2100
ASB-716	12/4, 10/2, 10/3, 2/1	7/16"	35	700
ASB-50	10/4, 8/2, 8/3, 1/1	1/2"	20	400
ASB-75	8/4, 6/2, 4/2, 4/3, 6/4	3/4"	16	320



ZINC DIE CAST CONDUIT LOCKNUTS

PRODUCT FEATURES

- ▶ Full-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LN-50	1/2"	100	1000
LN-75	3/4"	100	1000
LN-100	1"	100	1000
LN-125	1-1/4"	50	500
LN-150	1-1/2"	50	500
LN-200	2"	25	250
LN-250	2-1/2"	10	100
LN-300	3"	5	50
LN-350	3-1/2"	5	50
LN-400	4"	-	25



STEEL CONDUIT LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Full-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SLN-50	1/2"	100	1000
SLN-75	3/4"	100	1000
SLN-100	1"	100	1000
SLN-125	1-1/4"	50	500
SLN-150	1-1/2"	50	500
SLN-200	2"	25	250
SLN-250	2-1/2"	10	100
SLN-300	3"	5	50
SLN-350	3-1/2"	5	50
SLN-400	4"	-	25
SLN-500	5"	-	10
SLN-600	6"	-	10



STEEL SEALING LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Bonded with Molten Sealing Material
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSLN-50	1/2"	100	1000
SSLN-75	3/4"	100	1000
SSLN-100	1"	100	1000
SSLN-125	1-1/4"	50	500
SSLN-150	1-1/2"	50	500
SSLN-200	2"	25	250
SSLN-250	2-1/2"	10	100
SSLN-300	3"	5	50
SSLN-350	3-1/2"	5	50
SSLN-400	4"	-	25
SSLN-500	5"	-	10
SSLN-600	6"	-	10

STEEL GROUNDING (BONDING) RIGID LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
GL-50	1/2"	50	200
GL-75	3/4"	25	100
GL-100	1"	25	100
GL-125	1-1/4"	10	50
GL-150	1-1/2"	10	50
GL-200	2"	10	50
GL-250	2-1/2"	5	25
GL-300	3"	5	25
GL-350	3-1/2"	-	5
GL-400	4"	-	5
GL-500	5"	-	5
GL-600	6"	-	5

NYLON PLASTIC LOCKNUT

PRODUCT FEATURES

- ▶ Full-cut internal threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PLN-38	3/8"	50	-
PLN-50	1/2"	50	-
PLN-75	3/4"	50	-
PLN-100	1"	100	-

STEEL LIQUID TIGHT SEALING RINGS

PRODUCT FEATURES

- ▶ Neoprene Rubber Gasket
- ▶ Steel Retainer
- ▶ Form Liquid tight seal between connector and box



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTSR-50	1/2"	250	2500
LTSR-75	3/4"	200	2000
LTSR-100	1"	150	1500
LTSR-125	1-1/4"	100	1000
LTSR-150	1-1/2"	50	500
LTSR-200	2"	50	500
LTSR-250	2-1/2"	-	100
LTSR-300	3"	-	100
LTSR-350	3-1/2"	-	50
LTSR-400	4"	-	50



D80 | Bushings, Locknuts and Washers



GALVANIZED STAMPED STEEL REDUCING WASHERS

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RW-75/50	3/4" to 1/2"	250	1000
RW-100/50	1" to 1/2"	250	1000
RW-100/75	1" to 3/4"	250	1000
RW-125/50	1-1/4" to 1/2"	100	400
RW-125/75	1-1/4" to 3/4"	100	400
RW-125/100	1-1/4" to 1"	100	400
RW-150/50	1-1/2" to 1/2"	-	100
RW-150/75	1-1/2" to 3/4"	-	100
RW-150/100	1-1/2" to 1"	-	100
RW-150/125	1-1/2" to 1-1/4"	-	100
RW-200/50	2" to 1/2"	-	50
RW-200/75	2" to 3/4"	-	50
RW-200/100	2" to 1"	-	50
RW-200/125	2" to 1-1/4"	-	50
RW-200/150	2" to 1-1/2"	-	50
RW-250/50	2-1/2" to 1/2"	25	100
RW-250/75	2-1/2" to 3/4"	25	100
RW-250/100	2-1/2" to 1"	25	100
RW-250/125	2-1/2" to 1-1/4"	25	100
RW-250/150	2-1/2" to 1-1/2"	25	100
RW-250/200	2-1/2" to 2"	25	100
RW-300/50	3" to 1/2"	-	25
RW-300/75	3" to 3/4"	-	25
RW-300/100	3" to 1"	-	25
RW-300/125	3" to 1-1/4"	-	25
RW-300/150	3" to 1-1/2"	-	25
RW-300/200	3" to 2"	-	25
RW-300/250	3" to 2-1/2"	-	25
RW-350/50	3-1/2" to 1/2"	-	10
RW-350/75	3-1/2" to 3/4"	-	10
RW-350/100	3-1/2" to 1"	-	10
RW-350/125	3-1/2" to 1-1/4"	-	10
RW-350/150	3-1/2" to 1-1/2"	-	10
RW-350/200	3-1/2" to 2"	-	10
RW-350/250	3-1/2" to 2-1/2"	-	10
RW-350/300	3-1/2" to 3"	-	10
RW-400/50	4" to 1/2"	-	10
RW-400/75	4" to 3/4"	-	10
RW-400/100	4" to 1"	-	10
RW-400/125	4" to 1-1/4"	-	10
RW-400/150	4" to 1-1/2"	-	10
RW-400/200	4" to 2"	-	10
RW-400/250	4" to 2-1/2"	-	10
RW-400/300	4" to 3"	-	10
RW-400/350	4" to 3-1/2"	-	10

Electrical Fittings



STAMPED STEEL SNAP-IN KNOCKOUT SEALS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Held by spring tension
- ▶ For capping unused knockout holes

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
KO-50	1/2"	100	1000
KO-75	3/4"	100	1000
KO-100	1"	100	500
KO-125	1-1/4"	50	100
KO-150	1-1/2"	-	50
KO-200	2"	-	25



STAMPED STEEL THREE-PIECE KNOCKOUT SEALS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For capping unused knockout holes
- ▶ Embossed for quick self centering
- ▶ Installed using the screw and back strap

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
KO3P-50	1/2"	100	500
KO3P-75	3/4"	50	500
KO3P-100	1"	25	500
KO3P-125	1-1/4"	25	250
KO3P-150	1-1/2"	10	300
KO3P-200	2"	10	300
KO3P-250	2-1/2"	10	100
KO3P-300	3"	10	100
KO3P-350	3-1/2"	10	100
KO3P-400	4"	10	100



STEEL REGULAR SPRING NUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SNR-1420	1/4" - 20	100	600
SNR-3816	3/8" - 16	100	600
SNR-1213	1/2" - 13	100	600



SNR-1420



SNR-3816



SNR-1213

STEEL JACK CHAIN

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load
- ▶ In Steel Reel

Cat. No.	Trade Size	Std. Pkg.
JC-12	12GA	100





SCREW KITS, PLASTIC ANCHOR KIT, & EASY ANCHOR KIT

PRODUCT FEATURES

- ▶ In Plastic Partition Kits

Cat. No.	Description	Trade Size	Screw Count/Kit	Std. Pkg.
*KIT-832RH	8-32 Round Head, 1/2" to 2", Slot/Phillips	#8-32	370	10
KIT-10PAK	#10 x 1" Screws & Plastic Anchors, with Masonry Drill Bit	#10 x 1"	110	10
KIT-8EZ	#8 x 1-1/2" Zinc Dry Wall Easy Anchor Kit	#8 x 1-1/2"	50	10
KIT-1032TC	#10 x 1-1/4" Tri-Combo Screw (Hex/Phillips/Slot) Self-Tapping Screw & #8-10 x 1-1/4" Anchors (One 1/4" Masonry drill bit)	#10-32 x 1-1/4"	100	10

Machine Screw Kits Screw Count

Size	Qty.
1/2"	100
3/4"	75
1"	75
1-1/4"	50
1-1/2"	40
2"	30
Total	370



KIT-832RH



KIT-10PAK



KIT-8EZ



KIT-1032TC

STEEL BEAM CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BC-25	1/4"-20 Tap, 11/16" Jaw, 100 lb. Load	50	250
BC-38	3/8"-16 Tap, 7/8" Jaw, 200 lb. Load	25	100

MALLEABLE IRON BEAM CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BCM-25	1/4"-20 Tap, 3/4" Jaw, 125 lb. Load	50	250
BCM-38	3/8"-16 Tap, 7/8" Jaw, 300 lb. Load	25	100
BCM-50	1/2"-13 Tap, 1" Jaw, 600 lb. Load	10	50



STEEL "S" HOOK

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SH-2	12GA, 1-1/4"	100	1000



STEEL HANGER SCREW WITH SINGLE HOLE

PRODUCT FEATURES

- ▶ Wood Screw Thread

Cat. No.	Description	Dimension	Std. Pkg.	Master Ctn.
H-SCREW	Flat Hanger Screw	1/4" x 3"	100	500



STEEL FIXTURE HANGERS

Cat. No.	For Use With	Mount Position	Std. Pkg.	Master Ctn.
FH-E	2, 3, or 4 Light Fixtures	End Mount	100	500
FH-S	2, 3, or 4 Light Fixtures	Side Mount	100	500



SERVICE ENTRANCE WEDGE GRIP CLAMPS

PRODUCT FEATURES

- ▶ Designed to make quick sag adjustments.
- ▶ For use with ACSR, AAC, AAAC Service cables
- ▶ Aluminum Body
- ▶ Stainless Steel Solid Bail

Cat. No.	ACSR Wire Size	Std. Pkg.	Master Ctn.
SEWG-1	#6 - #2	10	50
SEWG-2	#4 - 1/0	5	25
SEWG-3	2/0 - 4/0	5	25



PORCELAIN WIRE HOLDERS

PRODUCT FEATURES

- ▶ Porcelain & Galvanized Steel
- ▶ Varies According to Sizes

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
PWH-L	With 2-1/4" Lag Bolt	2-3/4"	5	20
PWH-M	With Steel Clip for 1-1/4" to 3" Mast	1-1/4" to 3"	5	20



PWH-L



PWH-M



BLACK ANNEALED STEEL TIE WIRE

PRODUCT FEATURES

- ▶ 16-1/2GA

Cat. No.	Description	Trade Size	Std. Pkg.
TW	Tie Wire	16GA, 400'	20



MALLEABLE IRON RIGID FLOOR FLANGES

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
FR-50	1/2"	50
FR-75	3/4"	50
FR-100	1"	50
FR-125	1-1/4"	25
FR-150	1-1/2"	25
FR-200	2"	25



MALLEABLE IRON CONCRETE SLAB INSERTS STRAIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI-50	1/2"	10	100
MCSI-75	3/4"	10	100
MCSI-100	1"	10	50



MALLEABLE IRON CONCRETE SLAB INSERTS 90° ANGLE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI90-50	1/2"	10	100
MCSI90-75	3/4"	10	100
MCSI90-100	1"	10	50



Orbit stocks a complete line of Electrical Conduit Bodies, available in LB, LL, LR, C, T and SLB configurations. Made with set screws for use with EMT conduit in dry locations; or threaded hubs for Rigid/IMC conduit in wet or dry locations. Body materials include Die-Cast Aluminum, Malleable Iron, and Gray Iron (Form 7 and Form 8). Orbit also offers Conduit Body Covers to fit every body type, many which include a watertight gasket and captive screws. Covers available in Die-Cast, Stamped Steel or Aluminum, Malleable Iron, and Gray Iron materials. (Select Conduit Body models include Covers.)

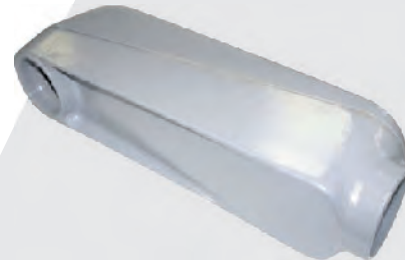


Threaded Aluminum Conduit Bodies with Covers

| Pg. E1-E4

Orbit offers a line of Threaded Aluminum Conduit Bodies which include a Cover Set, making it easier to order and manage parts. Threaded Aluminum Conduit bodies are available 1/2" thru 4" (SLB max is 2") trade sizes and they include a removable Stamped Aluminum Cover and Neoprene gasket. Suitable for threaded Rigid or IMC conduit in wet or dry locations. Most threaded Aluminum Conduit Bodies may also be ordered without Covers.

Mogul Conduit Bodies | Pg. E5



Extra Large Aluminum Mogul Conduit Bodies feature an angled body that helps give wire pulls a soft bend radius. Perfect for 90° turns and hard-to-pull service entrance cables. Moguls also provide a large chamber for splices and taps. Powder-coated with an epoxy finish for corrosion resistance. Bodies include Aluminum Cover and watertight gasket. Mogul Conduit Bodies are available in 1-1/2" thru 4" trade sizes. Suitable for threaded Rigid or IMC conduit, in wet or dry locations.

Form 7 Conduit Bodies | Pg. E12-E13



Form 7 Gray Iron Conduit Bodies provide slightly more cubic content than traditional malleable iron conduit bodies, allowing more room for conductor splicing. Form 7 Conduit Bodies are also more compact, and feature a flat-back for more stable installations. Threaded hubs are tapered and include integral bushings for easier wire pulls. Stamped Steel and Gray Iron Covers with integral gaskets are sold separate. Form 7 Covers feature captive wedgenuts that provide superior screwdriver seating and torque compared to traditional screws. Covers are easy to remove later, and interchangeable with Form 7 Conduit Bodies offered by most other brands.

Conduit Bodies

Form 8 Conduit Bodies | Pg. E14-E15



Form 8 Gray Iron Conduit Bodies feature longer bodies and larger wire-pull openings than Form 7 Bodies of the same trade size. This greater size accommodates heavier, larger gauge conductors. Form 8 Conduit Bodies also feature a flat-back design and tapered conduit hubs. Stamped Steel and Gray Iron Covers with integral gaskets are sold separate, and include stainless steel screws.

Aluminum Conduit Bodies



LB-A



LL-A



LR-A



C-A



T-A



SLB



LB-AS



LL-AS



LR-AS



C-AS



T-AS



LBM



LB



LL



LR



C



T



SSLB



SSLR



SSLL



SSC



SST



CG



SC

STEEL



AC



G

Conduit Bodies

Malleable Iron Conduit Bodies



MLB



MLL



MLR



MC



MT



MIC

Form 7 Gray Iron Conduit Bodies



LB7



LL7



LR7



C7



T7



SCG7



GICG7

Form 8 Gray Iron Conduit Bodies



LB8



LL8



LR8



C8



T8



SCG8



GICG8

E1 Rigid Assembled Conduit Bodies - Aluminum

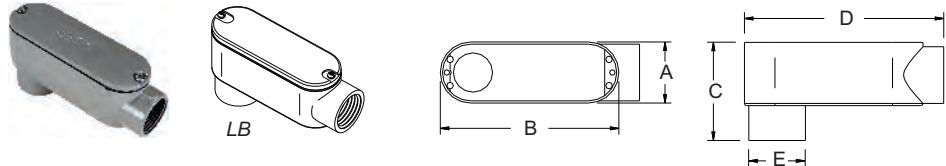
DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LB" SERIES

PRODUCT FEATURES

- ▶ Die Cast Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

While supplies last. Will be superseded by LB-AS Series.

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
LB-50A	1/2"	1-5/16"	3-7/8"	2-1/8"	4-5/16"	1-1/16"	10
LB-75A	3/4"	1-9/16"	4-11/16"	2-3/8"	5-1/8"	1-5/16"	10
LB-100A	1"	1-13/16"	5-3/8"	2-3/4"	5-15/16"	1-9/16"	5
LB-125A	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2"	2
LB-150A	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-3/16"	2
LB-200A	2"	3-3/16"	9-1/2"	4-1/2"	10-1/16"	2-11/16"	1
LB-250A	2-1/2"	4-1/2"	12-1/16"	5-5/16"	12-13/16"	3-5/16"	1
LB-300A	3"	4-1/2"	12-1/16"	5-15/16"	12-13/16"	3-15/16"	1
LB-350A	3-1/2"	5-9/16"	15-1/16"	7-5/16"	15-5/8"	4-9/16"	1
LB-400A	4"	5-9/16"	15-7/16"	7-5/16"	15-5/8"	5"	1



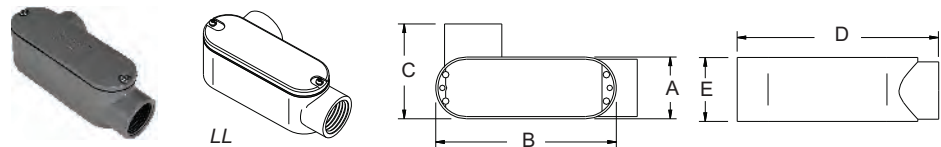
DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LL" SERIES

PRODUCT FEATURES

- ▶ Die Cast Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

While supplies last. Will be superseded by LL-AS Series.

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
LL-50A	1/2"	1-5/16"	3-7/8"	2-1/16"	4-5/16"	1-3/8"	10
LL-75A	3/4"	1-9/16"	4-11/16"	2-5/16"	5-1/8"	1-5/8"	10
LL-100A	1"	1-13/16"	5-3/8"	2-11/16"	5-15/16"	1-7/8"	5
LL-125A	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-150A	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-200A	2"	3-3/16"	9-1/2"	4-5/16"	10-1/16"	3-3/8"	1
LL-250A	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LL-300A	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LL-400A	4"	5-9/16"	15-1/16"	7-11/16"	15-5/8"	5-5/8"	1



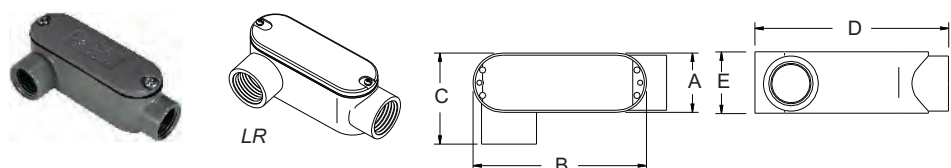
DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LR" SERIES

PRODUCT FEATURES

- ▶ Die Cast Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

While supplies last. Will be superseded by LR-AS Series.

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
LR-50A	1/2"	1-5/16"	3-7/8"	2-1/16"	4-5/16"	1-3/8"	10
LR-75A	3/4"	1-9/16"	4-11/16"	2-5/16"	5-1/8"	1-5/8"	10
LR-100A	1"	1-13/16"	5-3/8"	2-11/16"	5-15/16"	1-7/8"	5
LR-125A	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-150A	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-200A	2"	3-3/16"	9-1/2"	4-5/16"	10-1/16"	3-3/8"	1
LR-250A	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LR-300A	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LR-400A	4"	5-9/16"	15-1/16"	7-11/16"	15-5/8"	5-5/8"	1



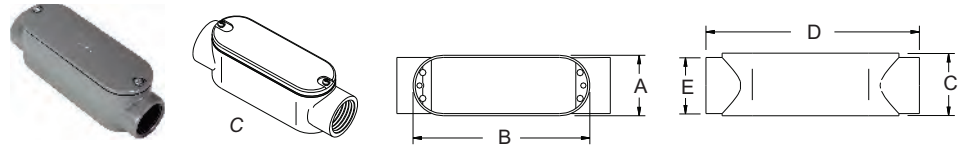
DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "C" SERIES

PRODUCT FEATURES

- ▶ Die Cast Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

While supplies last. Will be superseded by C-AS Series.

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.
		A	B	C	D	E	
C-50A	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	1-1/16"	10
C-75A	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	1-5/16"	10
C-100A	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	1-9/16"	5
C-125A	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2"	2
C-150A	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2-3/16"	2
C-200A	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	2-11/16"	1
C-250A	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	3-5/16"	1
C-300A	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	3-15/16"	1
C-400A	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	5"	1



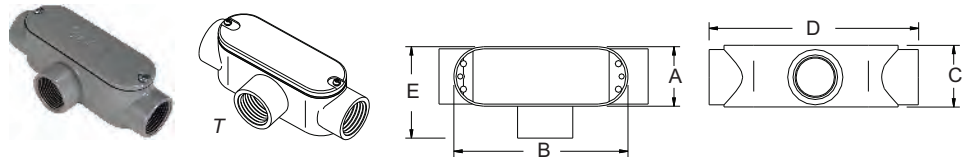
DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "T" SERIES

PRODUCT FEATURES

- ▶ Die Cast Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

While supplies last. Will be superseded by T-AS Series.

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
T-50A	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	2-1/16"	10
T-75A	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	2-5/16"	10
T-100A	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	2-11/16"	5
T-125A	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-150A	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-200A	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	4-5/16"	1
T-250A	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	5-7/8"	1
T-300A	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	5-7/8"	1
T-400A	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	7-11/16"	1

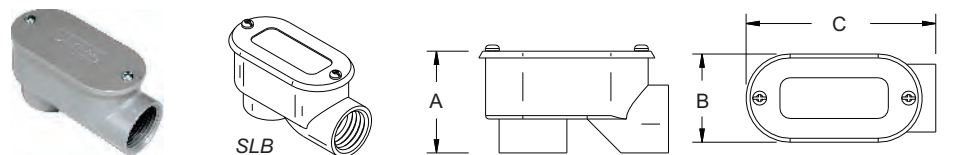


DIE CAST COPPER-FREE ALUMINUM THREADED SERVICE ENTRANCE CONDUIT BODIES "SLB" SERIES

PRODUCT FEATURES

- ▶ Die Cast Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - SLB SERIES			Std. Pkg.
		A	B	C	
SLB-50	1/2"	1-5/8"	1-3/8"	3-5/16"	20
SLB-75	3/4"	1-7/8"	1-9/16"	3-5/8"	20
SLB-100	1"	2-1/8"	2"	4-5/16"	10
SLB-125	1-1/4"	2-5/8"	2-7/16"	5-9/16"	10
SLB-150	1-1/2"	2-5/8"	2-5/8"	6-1/4"	6
SLB-200	2"	3-1/8"	3-1/8"	6-3/4"	3



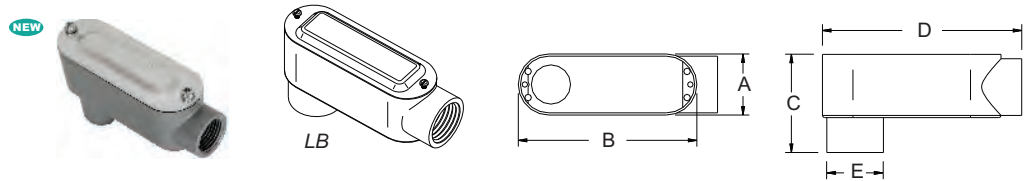
E3 Rigid Assembled Conduit Bodies - Aluminum

DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LB" SERIES

PRODUCT FEATURES

- ▶ Stamped Aluminum Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
LB-50AS NEW	1/2"	1-5/16"	3-7/8"	2-1/8"	4-5/16"	1-1/16"	10
LB-75AS NEW	3/4"	1-9/16"	4-11/16"	2-3/8"	5-1/8"	1-5/16"	10
LB-100AS NEW	1"	1-13/16"	5-3/8"	2-3/4"	5-15/16"	1-9/16"	5
LB-125AS NEW	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2"	2
LB-150AS NEW	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-3/16"	2
LB-200AS NEW	2"	3-3/16"	9-1/2"	4-1/2"	10-1/16"	2-11/16"	1
LB-250AS NEW	2-1/2"	4-1/2"	12-1/16"	5-5/16"	12-13/16"	3-5/16"	1
LB-300AS NEW	3"	4-1/2"	12-1/16"	5-15/16"	12-13/16"	3-15/16"	1
LB-350AS NEW	3-1/2"	5-9/16"	15-1/16"	7-5/16"	15-5/8"	4-9/16"	1
LB-400AS NEW	4"	5-9/16"	15-7/16"	7-5/16"	15-5/8"	5"	1

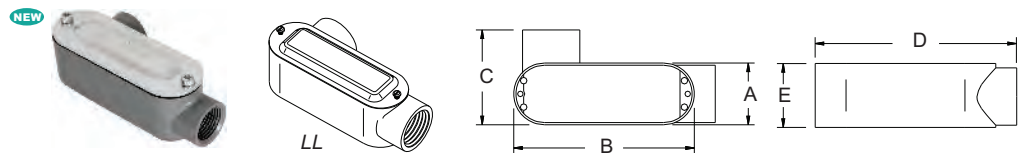


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LL" SERIES

PRODUCT FEATURES

- ▶ Stamped Aluminum Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
LL-50AS NEW	1/2"	1-5/16"	3-7/8"	2-1/16"	4-5/16"	1-3/8"	10
LL-75AS NEW	3/4"	1-9/16"	4-11/16"	2-5/16"	5-1/8"	1-5/8"	10
LL-100AS NEW	1"	1-13/16"	5-3/8"	2-11/16"	5-15/16"	1-7/8"	5
LL-125AS NEW	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-150AS NEW	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-200AS NEW	2"	3-3/16"	9-1/2"	4-5/16"	10-1/16"	3-3/8"	1
LL-250AS NEW	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LL-300AS NEW	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LL-400AS NEW	4"	5-9/16"	15-1/16"	7-11/16"	15-5/8"	5-5/8"	1

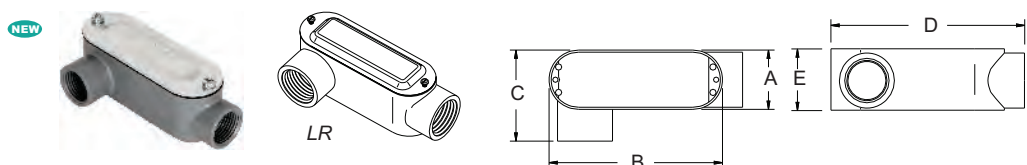


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LR" SERIES

PRODUCT FEATURES

- ▶ Stamped Aluminum Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
LR-50AS NEW	1/2"	1-5/16"	3-7/8"	2-1/16"	4-5/16"	1-3/8"	10
LR-75AS NEW	3/4"	1-9/16"	4-11/16"	2-5/16"	5-1/8"	1-5/8"	10
LR-100AS NEW	1"	1-13/16"	5-3/8"	2-11/16"	5-15/16"	1-7/8"	5
LR-125AS NEW	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-150AS NEW	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-200AS NEW	2"	3-3/16"	9-1/2"	4-5/16"	10-1/16"	3-3/8"	1
LR-250AS NEW	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LR-300AS NEW	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LR-400AS NEW	4"	5-9/16"	15-1/16"	7-11/16"	15-5/8"	5-5/8"	1

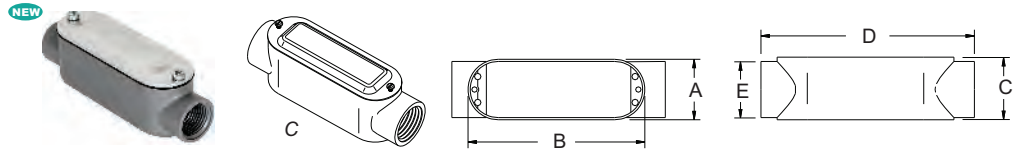


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "C" SERIES

PRODUCT FEATURES

- ▶ Stamped Aluminum Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.
		A	B	C	D	E	
C-50AS <small>NEW</small>	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	1-1/16"	10
C-75AS <small>NEW</small>	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	1-5/16"	10
C-100AS <small>NEW</small>	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	1-9/16"	5
C-125AS <small>NEW</small>	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2"	2
C-150AS <small>NEW</small>	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2-3/16"	2
C-200AS <small>NEW</small>	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	2-11/16"	1
C-250AS <small>NEW</small>	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	3-5/16"	1
C-300AS <small>NEW</small>	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	3-15/16"	1
C-400AS <small>NEW</small>	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	5"	1

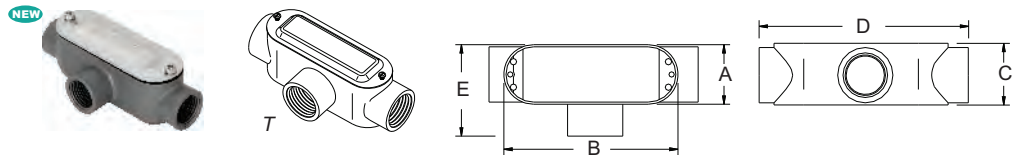


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "T" SERIES

PRODUCT FEATURES

- ▶ Stamped Aluminum Cover and Neoprene Gasket included
- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
T-50AS <small>NEW</small>	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	2-1/16"	10
T-75AS <small>NEW</small>	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	2-5/16"	10
T-100AS <small>NEW</small>	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	2-11/16"	5
T-125AS <small>NEW</small>	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-150AS <small>NEW</small>	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-200AS <small>NEW</small>	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	4-5/16"	1
T-250AS <small>NEW</small>	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	5-7/8"	1
T-300AS <small>NEW</small>	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	5-7/8"	1
T-400AS <small>NEW</small>	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	7-11/16"	1



FULL LINE OF WEATHERPROOF PRODUCTS

AVAILABLE ON OUR WEBSITE OR IN THE **C** SECTION

E5 | Rigid Conduit Bodies - Aluminum

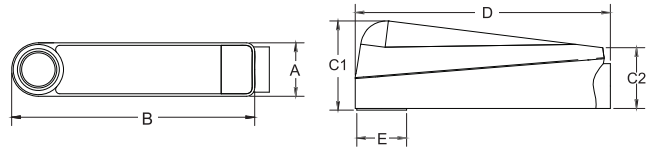
MOGUL THREADED COPPER-FREE ALUMINUM ALLOY EXTRA-LARGE RIGID CONDUIT BODIES "LB" SERIES

PRODUCT FEATURES

- ▶ Die Cast Aluminum Cover included
- ▶ Fiber Gasket included
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs



Cat. No.	Trade Size	DIMENSIONS - LB SERIES						Std. Pkg.
		A	B	C1	C2	D	E	
LBM-150	1-1/2"	3"	13-7/16"	5"	4"	14-1/4"	2-3/4"	1
LBM-200	2"	3"	13-7/16"	5"	4"	14-1/4"	2-3/4"	1
LBM-250	2-1/2"	4-5/8"	21-7/8"	8-11/16"	5-1/8"	22-3/4"	4-1/4"	1
LBM-300	3"	4-5/8"	21-7/8"	8-11/16"	5-1/8"	22-3/4"	4-1/4"	1
LBM-350	3-1/2"	5-5/8"	28-1/2"	10"	6-1/8"	29-1/8"	5-1/8"	1
LBM-400	4"	5-5/8"	28-1/2"	10"	6-1/8"	29-1/8"	5-1/8"	1

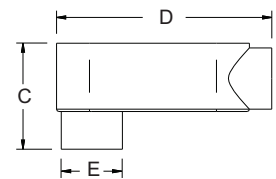
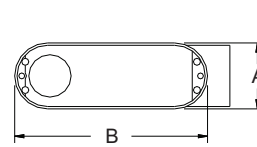
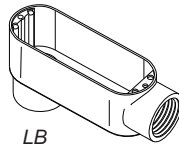


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LB" SERIES WITHOUT COVERS

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
LB-50	1/2"	1-5/16"	3-7/8"	2-1/8"	4-5/16"	1-1/16"	10
LB-75	3/4"	1-9/16"	4-11/16"	2-3/8"	5-1/8"	1-5/16"	10
LB-100	1"	1-13/16"	5-3/8"	2-3/4"	5-15/16"	1-9/16"	5
LB-125	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2"	2
LB-150	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-3/16"	2
LB-200	2"	3-3/16"	9-1/2"	4-1/2"	10-1/16"	2-11/16"	1
LB-250	2-1/2"	4-1/2"	12-1/16"	5-5/16"	12-13/16"	3-5/16"	1
LB-300	3"	4-1/2"	12-1/16"	5-15/16"	12-13/16"	3-15/16"	1
LB-350	3-1/2"	5-9/16"	15-1/16"	7-5/16"	15-5/8"	4-9/16"	1
LB-400	4"	5-9/16"	15-7/16"	7-5/16"	15-5/8"	5"	1

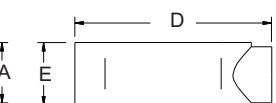
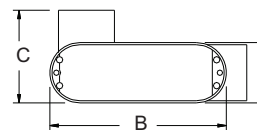
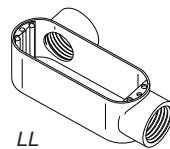


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LL" SERIES WITHOUT COVERS

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
LL-50	1/2"	1-5/16"	3-7/8"	2-1/16"	4-5/16"	1-3/8"	10
LL-75	3/4"	1-9/16"	4-11/16"	2-5/16"	5-1/8"	1-5/8"	10
LL-100	1"	1-13/16"	5-3/8"	2-11/16"	5-15/16"	1-7/8"	5
LL-125	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-150	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-200	2"	3-3/16"	9-1/2"	4-5/16"	10-1/16"	3-3/8"	1
LL-250	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LL-300	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LL-400	4"	5-9/16"	15-7/16"	7-11/16"	15-5/8"	5-5/8"	1

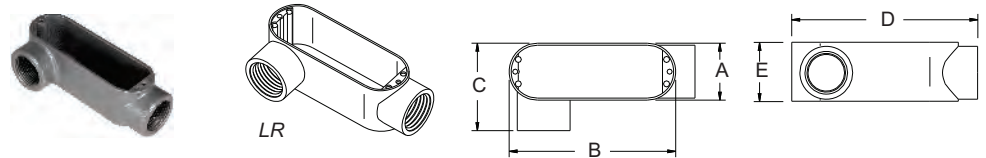


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "LR" SERIES WITHOUT COVERS

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
LR-50	1/2"	1-5/16"	3-7/8"	2-1/16"	4-5/16"	1-3/8"	10
LR-75	3/4"	1-9/16"	4-11/16"	2-5/16"	5-1/8"	1-5/8"	10
LR-100	1"	1-13/16"	5-3/8"	2-11/16"	5-15/16"	1-7/8"	5
LR-125	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-150	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-200	2"	3-3/16"	9-1/2"	4-5/16"	10-1/16"	3-3/8"	1
LR-250	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LR-300	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LR-400	4"	5-9/16"	15-1/16"	7-11/16"	15-5/8"	5-5/8"	1

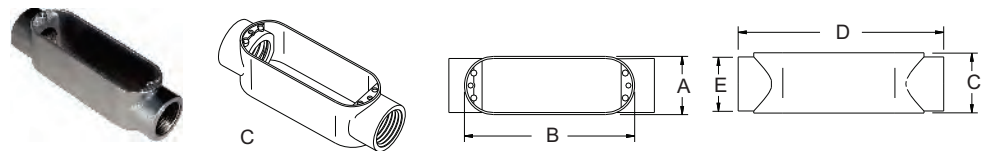


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "C" SERIES WITHOUT COVERS

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.
		A	B	C	D	E	
C-50	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	1-1/16"	10
C-75	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	1-5/16"	10
C-100	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	1-9/16"	5
C-125	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2"	2
C-150	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2-3/16"	2
C-200	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	2-11/16"	1
C-250	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	3-5/16"	1
C-300	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	3-15/16"	1
C-400	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	4-9/16"	1

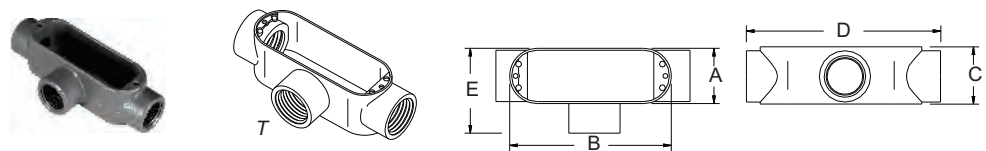


DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "T" SERIES WITHOUT COVERS

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
T-50	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	2-1/16"	10
T-75	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	2-5/16"	10
T-100	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	2-11/16"	5
T-125	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-150	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-200	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	4-5/16"	1
T-250	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	5-7/8"	1
T-300	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	5-7/8"	1
T-400	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	7-11/16"	1



E7 | Rigid Conduit Bodies - Malleable Iron

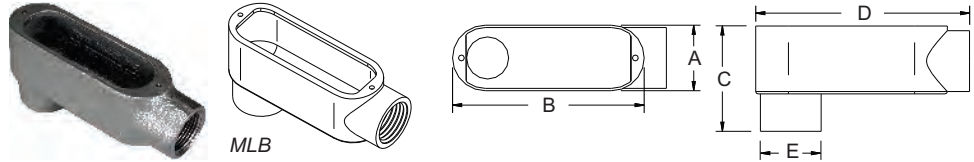


MALLEABLE IRON THREADED CONDUIT BODIES "LB" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
MLB-50	1/2"	1-3/8"	4"	2-3/16"	4-5/8"	1-1/2"	10
MLB-75	3/4"	1-5/8"	4-11/16"	2-3/8"	5-3/8"	1-11/16"	10
MLB-100	1"	1-13/16"	5-3/8"	2-7/8"	6-1/4"	2"	5
MLB-125	1-1/4"	2-1/2"	7-1/4"	3-1/2"	8-1/8"	2-5/8"	2
MLB-150	1-1/2"	2-1/2"	7-1/4"	3-11/16"	8-1/8"	2-13/16"	2
MLB-200	2"	3-1/8"	9-1/2"	4-1/2"	10-1/2"	3-1/2"	1
MLB-250	2-1/2"	4-3/8"	12-1/4"	5-7/16"	13-3/4"	4"	1
MLB-300	3"	4-3/8"	12-1/4"	6-3/16"	13-13/16"	4-5/8"	1
MLB-350	3-1/2"	5-1/2"	15"	7-3/16"	16-5/8"	5-7/16"	1
MLB-400	4"	5-1/2"	15"	7-3/8"	16-3/4"	5-3/4"	1

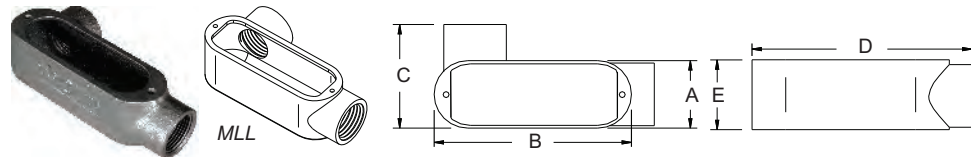


MALLEABLE IRON THREADED CONDUIT BODIES "LL" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
MLL-50	1/2"	1-3/8"	4"	2-1/16"	4-11/16"	1-7/16"	10
MLL-75	3/4"	1-5/8"	4-11/16"	2-1/4"	5-7/16"	1-11/16"	10
MLL-100	1"	1-13/16"	5-3/8"	2-11/16"	6-1/4"	2"	5
MLL-125	1-1/4"	2-1/2"	7-1/4"	3-7/16"	8-1/8"	2-5/8"	2
MLL-150	1-1/2"	2-1/2"	7-1/4"	3-7/16"	8-1/8"	2-13/16"	2
MLL-200	2"	3-1/8"	9-1/2"	4-3/16"	10-1/2"	3-9/16"	1
MLL-250	2-1/2"	4-3/8"	12-1/4"	5-7/8"	13-3/4"	4"	1
MLL-300	3"	4-3/8"	12-1/4"	5-15/16"	13-13/16"	4-11/16"	1
MLL-350	3-1/2"	5-1/2"	15"	7-1/8"	16-5/8"	5-7/16"	1
MLL-400	4"	5-1/2"	15"	7-3/16"	16-5/8"	5-3/4"	1

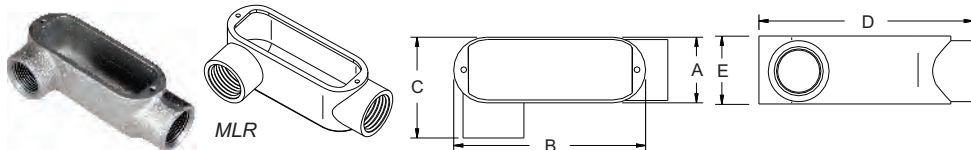


MALLEABLE IRON THREADED CONDUIT BODIES "LR" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
MLR-50	1/2"	1-3/8"	4"	2-1/16"	4-11/16"	1-7/16"	10
MLR-75	3/4"	1-9/16"	4-11/16"	2-1/4"	5-7/16"	1-11/16"	10
MLR-100	1"	1-13/16"	5-3/8"	2-11/16"	6-5/16"	2"	5
MLR-125	1-1/4"	2-1/2"	7-1/4"	3-3/8"	8-1/8"	2-5/8"	2
MLR-150	1-1/2"	2-1/2"	7-1/4"	3-7/16"	8-1/8"	2-13/16"	2
MLR-200	2"	3-3/16"	9-1/2"	4-1/8"	10-1/2"	3-1/2"	1
MLR-250	2-1/2"	4-7/16"	12-1/4"	5-7/8"	13-3/4"	4"	1
MLR-300	3"	4-7/16"	12-1/4"	5-15/16"	13-13/16"	4-11/16"	1
MLR-350	3-1/2"	5-1/2"	15"	7-1/8"	16-5/8"	5-7/16"	1
MLR-400	4"	5-1/2"	15"	7-3/16"	16-5/8"	5-3/4"	1



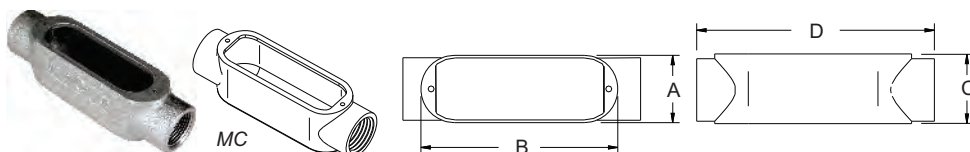
Conduit Bodies

MALLEABLE IRON THREADED CONDUIT BODIES "C" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - C SERIES				Std. Pkg.
		A	B	C	D	
MC-50	1/2"	1-3/8"	4"	1-1/2"	5-7/16"	10
MC-75	3/4"	1-9/16"	4-11/16"	1-11/16"	6-3/16"	10
MC-100	1"	1-13/16"	5-7/16"	2"	7-3/16"	5
MC-125	1-1/4"	2-1/2"	7-1/4"	2-5/8"	9-1/16"	2
MC-150	1-1/2"	2-1/2"	7-1/4"	2-13/16"	9-1/16"	2
MC-200	2"	3-3/16"	9-1/2"	3-1/2"	11-1/2"	1
MC-250	2-1/2"	4-7/16"	12-1/4"	4"	15-5/16"	1
MC-300	3"	4-7/16"	12-1/4"	4-5/8"	15-7/16"	1
MC-350	3-1/2"	5-1/2"	15"	5-7/16"	18-5/16"	1
MC-400	4"	5-1/2"	15"	5-3/4"	18-5/16"	1

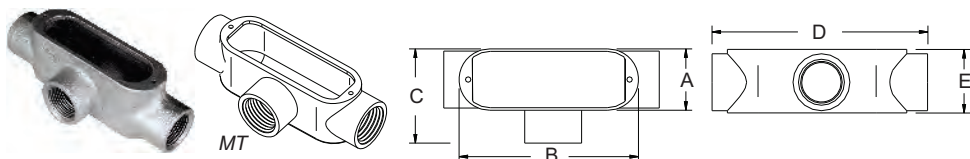


MALLEABLE IRON THREADED CONDUIT BODIES "T" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
MT-50	1/2"	1-3/8"	4"	2-1/16"	5-7/16"	1-7/16"	10
MT-75	3/4"	1-5/8"	4-11/16"	2-5/16"	6-3/16"	1-11/16"	10
MT-100	1"	1-13/16"	5-3/8"	2-11/16"	7-3/16"	2"	5
MT-125	1-1/4"	2-1/2"	7-1/4"	3-7/16"	9"	2-11/16"	2
MT-150	1-1/2"	2-1/2"	7-1/4"	3-7/16"	9-1/16"	2-13/16"	2
MT-200	2"	3-3/16"	9-1/2"	4-1/8"	11-1/2"	3-1/2"	1
MT-250	2-1/2"	4-7/16"	12-1/4"	5-7/8"	15-5/16"	4"	1
MT-300	3"	4-7/16"	12-1/4"	5-15/16"	15-7/16"	4-11/16"	1
MT-350	3-1/2"	5-1/2"	15"	7-1/8"	18-5/16"	5-7/16"	1
MT-400	4"	5-1/2"	15"	7-3/16"	18-5/16"	5-3/4"	1



MALLEABLE IRON CONDUIT BODY COVERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Stainless Steel Screws
- ▶ For use with Malleable Iron Conduit Bodies
- ▶ Gasket not included (see pg. E11 for gaskets)

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
MIC-50	NEW 1/2"	3-15/16"	1-5/16"	3/16"	10
MIC-75	NEW 3/4"	4-11/16"	1-9/16"	3/16"	10
MIC-100	NEW 1"	5-3/8"	1-13/16"	1/4"	5
MIC-125/150	NEW 1-1/4" - 1-1/2"	9-1/2"	3-3/16"	5/16"	25
MIC-200	NEW 2"	7-1/4"	2-1/2"	5/16"	25
MIC-250/300	NEW 2-1/2" - 3"	12-1/4"	4-7/16"	1-1/16"	10
MIC-350/400	NEW 3-1/2" - 4"	15"	5-1/2"	1-1/8"	10



E9 | EMT Conduit Bodies - Aluminum

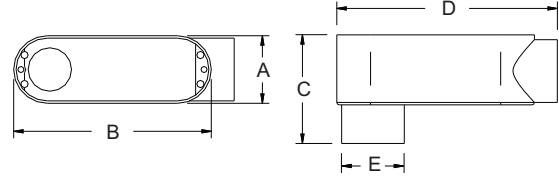


COPPER-FREE ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"LB" SERIES

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
SSLB-50	1/2"	1-5/16"	3-15/16"	2-1/16"	4-3/8"	1-1/16"	10	100
SSLB-75	3/4"	1-9/16"	4-5/8"	2-3/8"	5-1/8"	1-5/16"	10	50
SSLB-100	1"	1-13/16"	5-3/8"	2-7/8"	6"	1-9/16"	5	25
SSLB-125	1-1/4"	2-1/2"	7-1/4"	3-6/16"	7-11/16"	2"	2	10
SSLB-150	1-1/2"	2-1/2"	7-1/4"	3-9/16"	7-11/16"	2-1/4"	2	10
SSLB-200	2"	3-1/8"	9-1/2"	4-3/8"	10"	2-11/16"	1	5
SSLB-250	2-1/2"	4-7/16"	12-1/8"	5-3/16"	12-3/4"	3-3/8"	-	1
SSLB-300	3"	4-7/16"	12-1/8"	5-3/4"	12-3/4"	4"	-	1
SSLB-350	3-1/2"	5-1/2"	15-1/16"	7-1/16"	15-9/16"	5"	-	1
SSLB-400	4"	5-1/2"	15-1/16"	7-1/16"	15-9/16"	5"	-	1

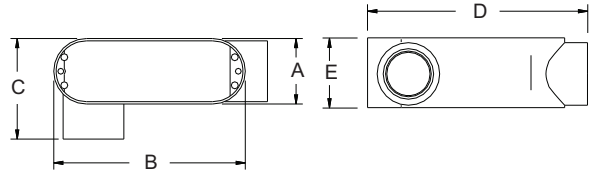


COPPER-FREE ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"LR" SERIES

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
SSLR-50	1/2"	1-5/16"	3-15/16"	2"	4-3/8"	1-5/16"	10	100
SSLR-75	3/4"	1-9/16"	4-5/8"	2-1/4"	5-1/8"	1-5/8"	10	50
SSLR-100	1"	1-13/16"	5-3/8"	2-3/4"	6"	1-15/16"	5	25
SSLR-125	1-1/4"	2-1/2"	7-1/4"	3-7/16"	7-11/16"	2-1/2"	2	10
SSLR-150	1-1/2"	2-1/2"	7-1/4"	3-7/16"	7-11/16"	2-11/16"	2	10
SSLR-200	2"	3-1/8"	9-1/2"	4-3/16"	10"	3-3/8"	1	5

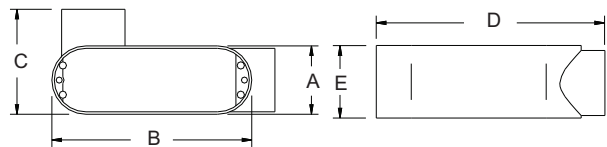


COPPER-FREE ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"LL" SERIES

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
SLL-50	1/2"	1-5/16"	3-15/16"	2"	4-3/8"	1-5/16"	10	100
SLL-75	3/4"	1-9/16"	4-5/8"	2-1/4"	5-1/8"	1-5/8"	10	50
SLL-100	1"	1-13/16"	5-3/8"	2-3/4"	6"	1-15/16"	5	25
SLL-125	1-1/4"	2-1/2"	7-1/4"	3-7/16"	7-11/16"	2-1/2"	2	10
SLL-150	1-1/2"	2-1/2"	7-1/4"	3-7/16"	7-11/16"	2-11/16"	2	10
SLL-200	2"	3-1/8"	9-1/2"	4-3/16"	10"	3-3/8"	1	5



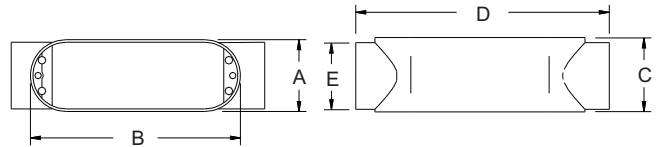
EMT Conduit Bodies - Aluminum | E10

COPPER-FREE ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"C" SERIES

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
SSC-50	1/2"	1-5/16"	3-15/16"	1-5/16"	4-3/4"	1-1/8"	10	100
SSC-75	3/4"	1-9/16"	4-5/8"	1-5/8"	5-5/8"	1-5/16"	10	50
SSC-100	1"	1-13/16"	5-3/8"	1-15/16"	6-11/16"	1-1/2"	5	25
SSC-125	1-1/4"	2-1/2"	7-1/4"	2-1/2"	8-1/8"	2"	2	10
SSC-150	1-1/2"	2-1/2"	7-1/4"	2-11/16"	8-1/8"	2-1/4"	2	10
SSC-200	2"	3-1/8"	9-1/2"	3-3/8"	10-9/16"	2-3/4"	1	5

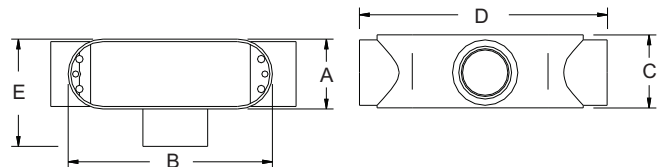


COPPER-FREE ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"T" SERIES

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
SST-50	1/2"	1-5/16"	3-15/16"	1-5/16"	4-3/4"	2"	10	100
SST-75	3/4"	1-9/16"	4-5/8"	1-5/8"	5-5/8"	2-1/4"	10	50
SST-100	1"	1-13/16"	5-3/8"	1-15/16"	6-11/16"	2-3/4"	5	25
SST-125	1-1/4"	2-1/2"	7-1/4"	2-7/16"	8-1/8"	3-7/16"	2	10
SST-150	1-1/2"	2-1/2"	7-1/4"	2-11/16"	8-1/8"	3-7/16"	2	10
SST-200	2"	3-1/8"	9-1/2"	3-3/8"	10-9/16"	4-3/16"	1	5



Conduit Bodies



E11 | Conduit Body Covers and Gaskets

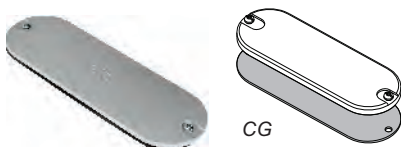
DIE CAST COPPER-FREE ALUMINUM COVERS & NEOPRENE GASKETS

PRODUCT FEATURES

- ▶ Gray color
- ▶ For use with Cast Aluminum & Malleable Iron Conduit Bodies



Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
CG-50	1/2"	3-7/8"	1-5/16"	1/4"	100
CG-75	3/4"	4-11/16"	1-9/16"	1/4"	50
CG-100	1"	5-3/8"	1-3/4"	1/4"	50
CG-125/150	1-1/4" - 1-1/2"	7-5/16"	2-1/2"	1/4"	25
CG-200	2"	9-1/2"	3-1/8"	5/16"	10
CG-250/300	2-1/2" - 3"	12-1/16"	4-7/16"	3/8"	10
CG-350/400	3-1/2" - 4"	15-1/16"	5-9/16"	3/8"	5



NEOPRENE GASKETS

PRODUCT FEATURES

- ▶ For use with Cast Aluminum & Malleable Iron Conduit Bodies
- ▶ Black color



Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
G-50	1/2"	3-11/16"	1-3/8"	1/16"	100
G-75	3/4"	4-1/4"	1-1/2"	1/16"	100
G-100	1"	5"	1-3/4"	1/16"	50
G-125/150	1-1/4" - 1-1/2"	6"	2-7/16"	1/16"	50
G-200	2"	7"	3"	1/16"	50
G-250/300	2-1/2" - 3"	9"	4-1/4"	1/16"	25
G-350/400	3-1/2" - 4"	11"	5-1/4"	1/16"	25

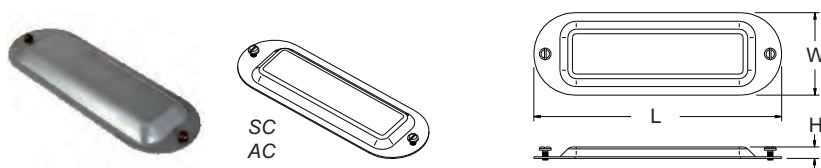


STEEL RAISED DOME COVERS

PRODUCT FEATURES

- ▶ Stamped Steel
- ▶ Stainless Steel Screws
- ▶ Gasket not included
- ▶ For use with Cast Aluminum & Malleable Iron Conduit Bodies

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
SC-50	1/2"	4"	1-3/8"	1/4"	100
SC-75	3/4"	4-11/16"	1-9/16"	5/16"	50
SC-100	1"	5-3/8"	1-13/16"	3/8"	50
SC-125/150	1-1/4" - 1-1/2"	7-1/4"	2-1/2"	7/16"	25
SC-200	2"	9-1/2"	3-1/8"	1/2"	10
SC-250/300	2-1/2" - 3"	12-1/4"	4-7/16"	3/4"	10
SC-350/400	3-1/2" - 4"	15"	5-1/2"	3/4"	5



ALUMINUM CONDUIT BODY COVERS

PRODUCT FEATURES

- ▶ Stamped Aluminum
- ▶ Stainless Steel Screws
- ▶ Gasket not included
- ▶ For use with Cast Aluminum & Malleable Iron Conduit Bodies

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
AC-50	1/2"	3-15/16"	1-3/8"	1/4"	100
AC-75	3/4"	4-11/16"	1-1/2"	5/16"	50
AC-100	1"	5-3/8"	1-3/4"	3/8"	50
AC-125/150	1-1/4" - 1-1/2"	7-1/4"	2-1/2"	7/16"	25
AC-200	2"	9-1/2"	3-1/8"	1/2"	10
AC-250/300	2-1/2" - 3"	12-1/4"	4-7/16"	3/4"	10
AC-350/400	3-1/2" - 4"	15"	5-1/2"	3/4"	5

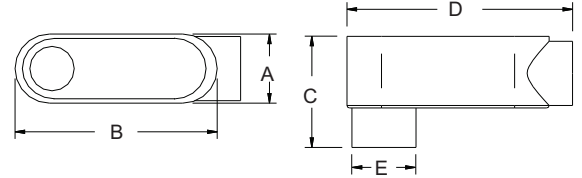


SAND CAST CLASS 30 GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LB" SERIES
FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ Use with easy Clip-on Covers
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LB7-50	1/2"	1-3/8"	3-11/16"	2-3/16"	4-1/2"	1-1/4"	10	50
LB7-75	3/4"	1-5/8"	4-5/16"	2-1/2"	5-1/4"	1-1/2"	5	25
LB7-100	1"	1-13/16"	5-1/16"	2-7/8"	6-3/16"	1-13/16"	5	25
LB7-125	1-1/4"	2-3/16"	5-9/16"	3-1/4"	6-1/2"	2-3/16"	1	10
LB7-150	1-1/2"	2-7/16"	6-1/16"	3-9/16"	7-1/16"	2-7/16"	1	10
LB7-200	2"	3"	7-1/16"	4-1/8"	8-1/8"	3"	1	5
LB7-250	2-1/2"	4-1/4"	9-1/16"	5-1/4"	10-11/16"	3-7/16"	-	1
LB7-300	3"	4-1/4"	9-1/16"	6"	10-11/16"	4-1/4"	-	1
LB7-350	3-1/2"	5-5/16"	11"	6-9/16"	12-3/4"	4-3/4"	-	1
LB7-400	4"	5-5/16"	11"	7-1/8"	12-3/4"	5-1/4"	-	1

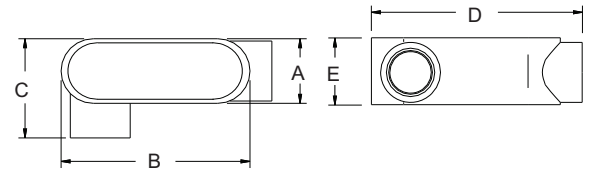


SAND CAST CLASS 30 GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LR" SERIES
FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ Use with easy Clip-on Covers
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LR7-50	1/2"	1-7/16"	3-11/16"	1-7/16"	4-1/2"	1-3/8"	10	50
LR7-75	3/4"	1-5/8"	4-5/16"	2-1/2"	5-1/4"	1-5/8"	5	25
LR7-100	1"	1-13/16"	5-1/16"	2-3/4"	6-3/16"	1-13/16"	5	25
LR7-125	1-1/4"	2-3/16"	5-9/16"	3-1/8"	6-1/2"	2-3/16"	1	10
LR7-150	1-1/2"	2-7/16"	6-1/16"	3-3/8"	7-1/16"	2-7/16"	1	10
LR7-200	2"	3"	7-1/16"	4"	8-1/8"	3"	1	5
LR7-250	2-1/2"	4-1/4"	9-1/16"	5-7/8"	10-11/16"	4-1/4"	-	1
LR7-300	3"	4-1/4"	9-1/16"	5-7/8"	10-11/16"	4-1/4"	-	1
LR7-400	4"	5-5/16"	11"	7"	12-3/4"	5-5/16"	-	1

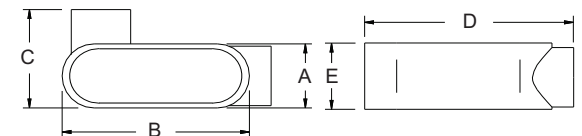


SAND CAST CLASS 30 GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LL" SERIES
FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ Use with easy Clip-on Covers
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LL7-50	1/2"	1-7/16"	3-11/16"	1-7/16"	4-1/2"	1-3/8"	10	50
LL7-75	3/4"	1-5/8"	4-5/16"	2-1/2"	5-1/4"	1-5/8"	5	25
LL7-100	1"	1-13/16"	5-1/16"	2-3/4"	6-3/16"	1-13/16"	5	25
LL7-125	1-1/4"	2-3/16"	5-9/16"	3-1/8"	6-1/2"	2-3/16"	1	10
LL7-150	1-1/2"	2-7/16"	6-1/16"	3-3/8"	7-1/16"	2-7/16"	1	10
LL7-200	2"	3"	7-1/16"	4"	8-1/8"	3"	1	5
LL7-250	2-1/2"	4-1/4"	9-1/16"	5-7/8"	10-11/16"	4-1/4"	-	1
LL7-300	3"	4-1/4"	9-1/16"	5-7/8"	10-11/16"	4-1/4"	-	1
LL7-400	4"	5-5/16"	11"	7"	12-3/4"	5-5/16"	-	1



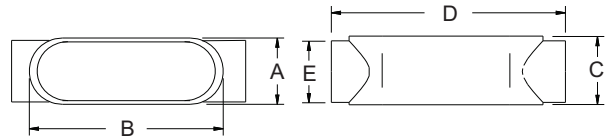
E13 | Rigid Conduit Bodies - Form 7

SAND CAST CLASS 30 GRAY IRON ALLOY THREADED CONDUIT BODIES "C" SERIES FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ Use with easy Clip-on Covers
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
C7-50	1/2"	1-3/8"	3-11/16"	1-3/8"	5-5/16"	1-1/4"	10	50
C7-75	3/4"	1-5/8"	4-5/16"	1-5/8"	6-3/16"	1-1/2"	5	25
C7-100	1"	1-13/16"	5-1/16"	1-13/16"	7-5/16"	1-13/16"	5	25
C7-125	1-1/4"	2-3/16"	5-9/16"	2-3/16"	7-7/16"	2-3/16"	1	10
C7-150	1-1/2"	2-7/16"	6-1/16"	2-7/16"	8-3/16"	2-7/16"	1	10
C7-200	2"	3"	7-1/16"	3"	9-1/8"	3"	1	5
C7-250	2-1/2"	4-1/4"	9-1/16"	4-1/4"	12-3/8"	3-7/16"	-	1
C7-300	3"	4-1/4"	9-1/16"	4-1/4"	12-3/8"	4-1/4"	-	1

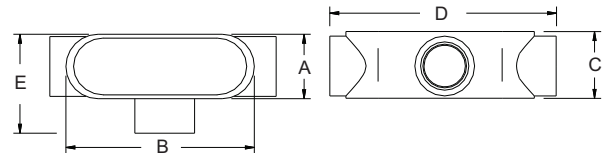


SAND CAST CLASS 30 GRAY IRON ALLOY THREADED CONDUIT BODIES "T" SERIES FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ Use with easy Clip-on Covers
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
T7-50	1/2"	1-5/8"	3-11/16"	1-3/4"	5-5/16"	2-1/2"	5	50
T7-75	3/4"	1-13/16"	4-5/16"	2"	6-3/16"	2-3/4"	5	25
T7-100	1"	1-15/16"	5-1/16"	2-1/4"	7-5/16"	3"	2	20
T7-125	1-1/4"	2-3/16"	5-9/16"	2-5/16"	7-7/16"	3-1/8"	1	10
T7-150	1-1/2"	2-7/16"	6-1/16"	2-5/8"	8-3/16"	3-3/8"	1	10
T7-200	2"	3"	7-1/16"	3-1/8"	9-1/8"	4"	1	5
T7-250	2-1/2"	4-1/4"	9-1/16"	3-11/16"	12-3/8"	5-7/8"	-	1
T7-300	3"	4-1/4"	9-1/16"	4-7/16"	12-3/8"	5-7/8"	-	1
T7-400	4"	5-5/16"	11"	4-15/16"	14-1/2"	7"	-	1

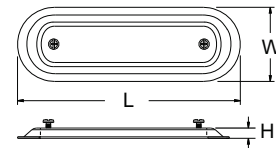


STAMPED STEEL WEDGENUT COVERS WITH INTEGRAL GASKETS FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Usable with all other Form 7 conduit bodies
- ▶ Integral Sealing Gaskets
- ▶ Easy installation and removal

Cat. No.	Trade Size	L	W	H	Std. Pkg.	Master Ctn.
SCG7-50	1/2"	3-11/16"	1-3/8"	1/4"	50	250
SCG7-75	3/4"	4-5/16"	1-9/16"	1/4"	50	250
SCG7-100	1"	5-1/16"	1-13/16"	1/4"	25	200
SCG7-125	1-1/4"	5-9/16"	2-3/16"	1/4"	20	100
SCG7-150	1-1/2"	6-1/16"	2-7/16"	5/16"	20	100
SCG7-200	2"	7-1/16"	3"	5/16"	10	50
SCG7-250/300	2-1/2" - 3"	9-1/16"	4-1/4"	1/2"	-	10
SCG7-350/400	3-1/2" - 4"	11"	5-5/16"	1/2"	-	10

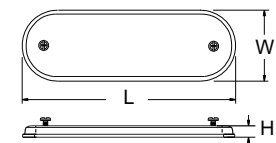


GRAY IRON WEDGENUT COVERS WITH INTEGRAL GASKETS FORM 7

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Usable with all other Form 7 conduit bodies
- ▶ Integral Sealing Gaskets
- ▶ Easy installation and removal

Cat. No.	Trade Size	L	W	H	Std. Pkg.	Master Ctn.
GICG7-50	1/2"	3-11/16"	1-3/8"	9/16"	25	125
GICG7-75	3/4"	4-5/16"	1-9/16"	9/16"	25	125
GICG7-100	1"	5-1/16"	1-13/16"	5/8"	10	100
GICG7-125	1-1/4"	5-9/16"	2-3/16"	11/16"	10	50
GICG7-150	1-1/2"	6-1/16"	2-7/16"	11/16"	10	50
GICG7-200	2"	7-1/16"	3"	3/4"	-	10
GICG7-250/300	2-1/2" - 3"	9-1/16"	4-1/4"	3/4"	-	10
GICG7-350/400	3-1/2" - 4"	11"	5-5/16"	13/16"	-	10

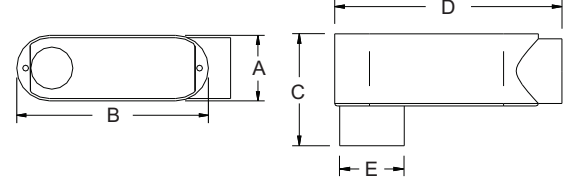


SAND CAST CLASS 30 GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LB" SERIES
FORM 8

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LB8-50	1/2"	1-7/16"	4-1/4"	2-1/4"	5-1/8"	1-1/4"	10	50
LB8-75	3/4"	1-5/8"	4-15/16"	2-9/16"	5-13/16"	1-1/2"	5	25
LB8-100	1"	1-7/8"	5-5/8"	2-7/8"	6-5/8"	1-3/4"	5	25
LB8-125	1-1/4"	2-1/4"	6-11/16"	3-1/4"	7-3/4"	2-3/16"	1	10
LB8-150	1-1/2"	2-13/16"	7-15/16"	3-11/16"	9-1/16"	2-7/16"	1	10
LB8-200	2"	3-13/16"	9-13/16"	4-11/16"	11-1/16"	2-7/8"	1	5
LB8-250	2-1/2"	5-1/16"	12-5/16"	6-1/8"	14-5/16"	3-3/8"	-	1
LB8-300	3"	5-1/16"	12-5/16"	6-3/16"	14-5/16"	4-1/8"	-	1
LB8-350	3-1/2"	6-5/16"	15-1/8"	7-3/16"	16-14/16"	4-9/16"	-	1
LB8-400	4"	6-5/16"	15-1/8"	7-1/4"	16-14/16"	5-1/4"	-	1

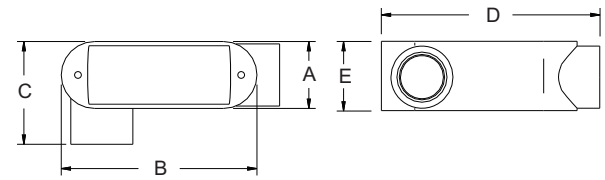


SAND CAST CLASS 30 GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LR" SERIES
FORM 8

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LR8-50	1/2"	1-7/16"	4-1/4"	2-1/4"	5-1/8"	1-7/16"	10	50
LR8-75	3/4"	1-5/8"	4-15/16"	2-7/16"	5-13/16"	1-11/16"	5	25
LR8-100	1"	1-7/8"	5-5/8"	2-3/4"	6-5/8"	2"	5	25
LR8-125	1-1/4"	2-1/4"	6-11/16"	3-3/16"	7-3/4"	2-5/16"	1	10
LR8-150	1-1/2"	2-13/16"	7-15/16"	3-13/16"	9-1/16"	2-11/16"	1	10
LR8-200	2"	3-13/16"	9-13/16"	4-15/16"	11-1/16"	3-9/16"	1	5
LR8-250	2-1/2"	5-1/16"	12-5/16"	6-5/8"	14-5/16"	4-9/16"	-	1
LR8-300	3"	5-1/16"	12-5/16"	6-5/8"	14-5/16"	4-9/16"	-	1

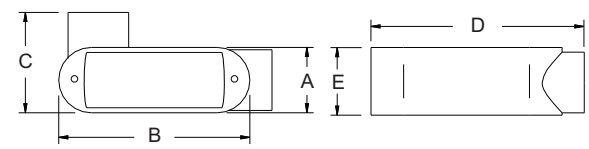


SAND CAST CLASS 30 GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LL" SERIES
FORM 8

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LL8-50	1/2"	1-7/16"	4-1/4"	2-1/4"	5-1/8"	1-7/16"	10	50
LL8-75	3/4"	1-5/8"	4-15/16"	2-7/16"	5-13/16"	1-11/16"	5	25
LL8-100	1"	1-7/8"	5-5/8"	2-3/4"	6-5/8"	2"	5	25
LL8-125	1-1/4"	2-1/4"	6-11/16"	3-3/16"	7-3/4"	2-5/16"	1	10
LL8-150	1-1/2"	2-13/16"	7-15/16"	3-13/16"	9-1/16"	2-11/16"	1	10
LL8-200	2"	3-13/16"	9-13/16"	4-15/16"	11-1/16"	3-9/16"	1	5
LL8-250	2-1/2"	5-1/16"	12-5/16"	6-5/8"	14-5/16"	4-9/16"	-	1
LL8-300	3"	5-1/16"	12-5/16"	6-5/8"	14-5/16"	4-9/16"	-	1



Conduit Bodies



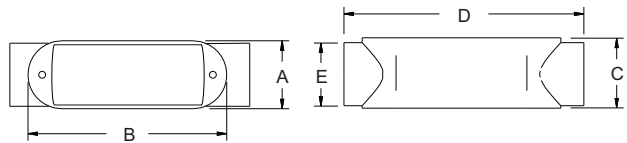
E15 | Rigid Conduit Bodies - Form 8

SAND CAST CLASS 30 GRAY IRON ALLOY THREADED CONDUIT BODIES "C" SERIES FORM 8

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
C8-50	1/2"	1-7/16"	4-1/4"	1-7/16"	6"	1-1/4"	10	50
C8-75	3/4"	1-5/8"	4-15/16"	1-11/16"	6-11/16"	1-1/2"	5	25
C8-100	1"	1-7/8"	5-5/8"	2"	7-9/16"	1-3/4"	5	25
C8-125	1-1/4"	2-1/4"	6-11/16"	2-5/16"	8-13/16"	2-3/16"	1	10
C8-150	1-1/2"	2-13/16"	7-15/16"	2-11/16"	10-3/16"	2-7/16"	1	10
C8-200	2"	3-13/16"	9-13/16"	3-9/16"	12-3/8"	2-7/8"	1	5
C8-250	2-1/2"	5-1/16"	12-5/16"	4-9/16"	16-1/4"	3-3/8"	-	1
C8-300	3"	5-1/16"	12-5/16"	4-9/16"	16-1/4"	4-1/8"	-	1

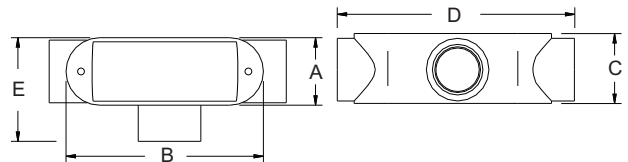


SAND CAST CLASS 30 GRAY IRON ALLOY THREADED CONDUIT BODIES "T" SERIES FORM 8

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with Gasket and Cover
- ▶ NPT Thread Hubs

Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
T8-50	1/2"	1-7/16"	4-1/4"	1-3/4"	6"	2-1/4"	5	25
T8-75	3/4"	1-5/8"	4-15/16"	2"	6-11/16"	2-7/16"	5	25
T8-100	1"	1-7/8"	5-5/8"	2-1/4"	7-9/16"	2-3/4"	2	20
T8-125	1-1/4"	2-1/4"	6-11/16"	2-5/16"	8-13/16"	3-3/16"	1	10
T8-150	1-1/2"	2-13/16"	7-15/16"	2-11/16"	10-3/16"	3-13/16"	1	10
T8-200	2"	3-13/16"	9-13/16"	3-9/16"	12-3/8"	4-15/16"	1	5
T8-250	2-1/2"	5-1/16"	12-5/16"	4-9/16"	16-1/4"	6-5/8"	-	1
T8-300	3"	5-1/16"	12-5/16"	4-9/16"	16-1/4"	6-5/8"	-	1

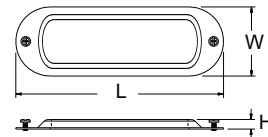


STAMPED STEEL COVERS WITH INTEGRAL GASKETS FORM 8

PRODUCT FEATURES

- ▶ Stainless Steel Screws
- ▶ Electroplated Zinc
- ▶ Integral Sealing Gaskets
- ▶ Usable with all other Form 8 conduit bodies

Cat. No.	Trade Size	L	W	H	Std. Pkg.
SCG8-50	1/2"	4-1/4"	1-7/16"	1/4"	50
SCG8-75	3/4"	4-7/8"	1-5/8"	1/4"	50
SCG8-100	1"	5-5/8"	1-7/8"	1/4"	25
SCG8-125	1-1/4"	6-11/16"	2-3/16"	1/4"	20
SCG8-150	1-1/2"	7-15/16"	2-13/16"	5/16"	20
SCG8-200	2"	9-13/16"	3-13/16"	3/8"	10
SCG8-250/300	2-1/2" - 3"	12-5/16"	5-1/16"	9/16"	5
SCG8-350/400	3-1/2" - 4"	15"	6-5/16"	11/16"	5

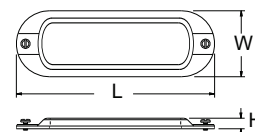


GRAY IRON COVERS WITH INTEGRAL GASKETS FORM 8

PRODUCT FEATURES

- ▶ Stainless Steel Screws
- ▶ Electroplated Zinc
- ▶ Integral Sealing Gaskets
- ▶ Usable with all other Form 8 conduit bodies

Cat. No.	Trade Size	L	W	H	Std. Pkg.
GICG8-50	1/2"	4-1/4"	1-7/16"	3/8"	50
GICG8-75	3/4"	4-7/8"	1-5/8"	3/8"	50
GICG8-100	1"	5-5/8"	1-7/8"	3/8"	25
GICG8-125	1-1/4"	6-11/16"	2-3/16"	9/16"	20
GICG8-150	1-1/2"	7-15/16"	2-13/16"	7/8"	20
GICG8-200	2"	9-13/16"	3-13/16"	1-1/8"	10
GICG8-250/300	2-1/2" - 3"	12-5/16"	5-1/16"	1-1/2"	5
GICG8-350/400	3-1/2" - 4"	15"	6-5/16"	1-1/2"	5





Orbit carries an extensive variety of Fastening and Support products for electrical and datacom installations. Many of Orbit's Fasteners are composed of Spring Steel material, which are incredibly versatile, and often require no tools to install. Orbit constantly evaluates its product mix to ensure contractors have access to the products they need. Our vast Fastener and Support selection includes Spring Steel Cable & Conduit Clips, Wall Mounted Box Brackets, Ceiling Hangers & Plates, Datacom Support Products, and more.

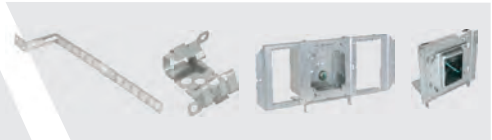
Cable & Conduit



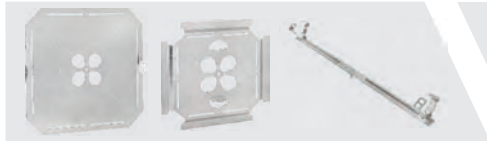
Straps



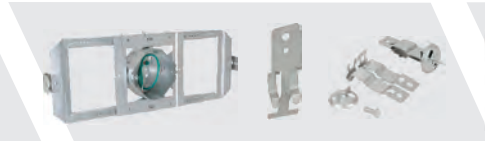
Stud Wall



Box & Conduit Support



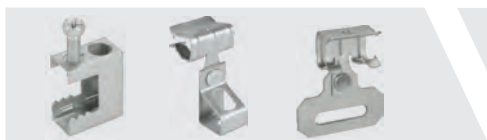
T-Grid Clips & Hangers



Bar Hangers



Beam & Purlin



Datacom & Low Voltage



Accessories



Electrical Fasteners

MATERIALS

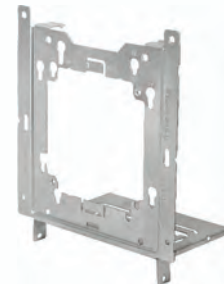
SPRING STEEL & SHEET STEEL



Spring Steel



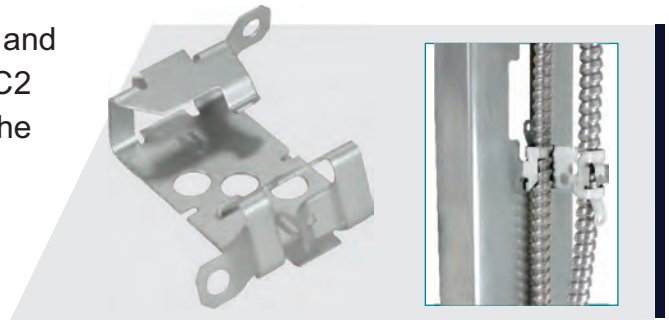
Sheet Steel



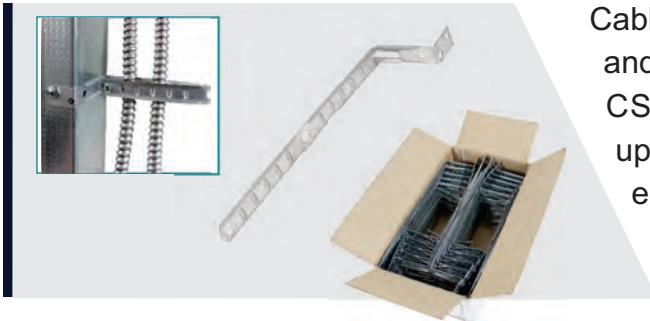
Orbit's Fasteners are available in a variety of sizes and two basic steel materials.

MC/AC Cable to Stud Clips | Pg. F10, F15

MC/AC Cable to Stud Clips snap onto metal studs and beam flanges (up to 1/8" thick) without tools. FMAC2 can secure two runs of MC or AC cable 1/4" from the stud face in compliance with NEC 300.4(d). Pre-punched holes allow clip to be screwed to wood stud or concrete. FMAC2 also snaps in half for a single run of cable, effectively making two clips out of one.



Cable Support with Locking Tabs | Pg. F10, F16



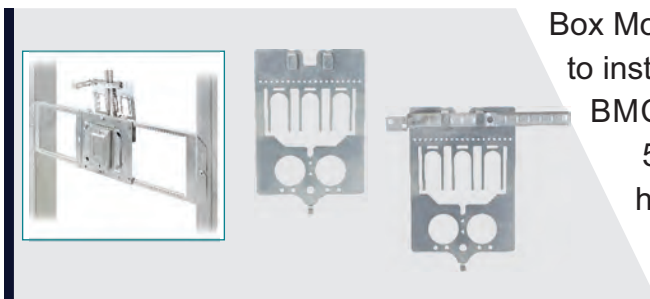
Cable Supports with Locking Tabs make it easy to install and secure NM, AC, or MC-type cables to stud frames. CS-CJ6 reliably supports up to 6 runs of NM cables; or up to 4 runs of MC/AC cables. CS-CJ6 features flared edges for wire protection, locating ribs to keep cables separate, and collapsible locking tabs to secure cables. Helps comply with NEC 300.30(b). Neat, efficient packaging ensures individual pieces can be taken out of the box quickly, without linking together.

Cable/ Conduit to Stud Attachments | Pg. F15

Cable/Conduit to Stud Attachments help keep EMT conduit or MC/AC cable inline with junction box knockouts. FCS Series' surface area is thin and flat, allowing for overlap of other fasteners or stud products sharing the same screw(s). Accommodates 1/2", 3/4", and 1" EMT trade sizes; for 1-1/2" and 2-1/8" deep boxes.



Box Mounted Cable & Conduit Support | Pg. F16

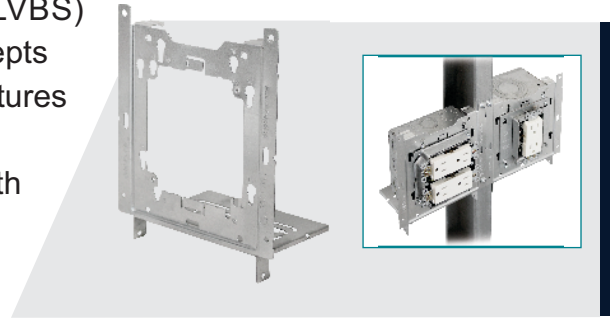


Box Mounted Cable & Conduit Supports eliminate the need to install NEC required First Means of Support in the field. BMCS Series attaches to the back of any 4", 4-11/16" or 5" square box with just one Tek screw. Horizontal pin holes accommodate up to 2" conduit. Secure MC/AC cable via bendable forks, or CS-CJ6 on model no. BMCS-CJ6.



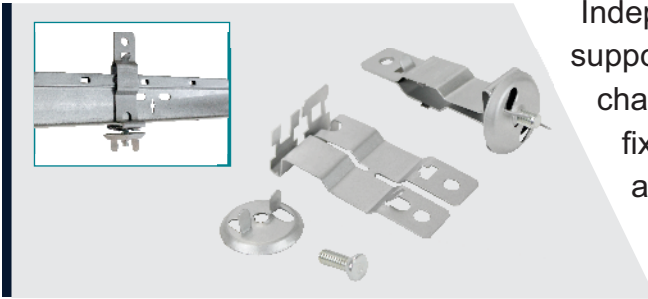
Universal Mounting Adapter with Back Support | Pg. F18

Universal Mounting Adapter with Back Support (UMA-LVBS) is one of the few mounting adapters of its kind that accepts 4", 4-11/16", and now 5" square boxes. UMA-LVBS features a unique keyhole pattern that allows any size box to be turned 90°. Keyholes also allow 4" rings to be paired with any 4-11/16" or 5" square box. Integrated back support for up to 6" stud depths. Mounts direct-to-stud or between studs with SSB-T5. The adapter, boxes and/or rings to all be mounted vertically or horizontally to facilitate different applications!



Independent Acoustical Support Clips | Pg. F27

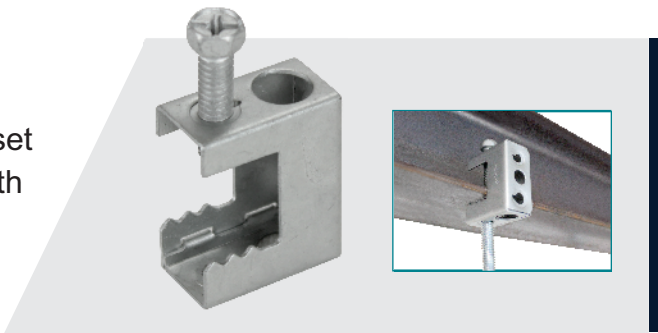
Independent Acoustical Support Clips provide a means to support lighting fixtures from common 15/16" T-grid ceiling channel. ISC requires no tools to install and can support fixtures 65 lbs. or under. Each ISC kit includes a break apart T-grid perimeter clip which cinches both sides of the channel and includes pre-punched holes for branch line restraints. Also includes 5/8" long screw and washer-wingnut.



Electrical Fasteners

Spring Steel Beam Clamps | Pg. F33

Spring Steel Beam Clamps make it easy to suspend threaded rod from beam flanges. BCSS includes a set screw with universal head and features serrated teeth that clamp tightly to beam flanges up to 1/2" thick. BCSS also features 7/16" thru-hole for 1/4" or 3/8" threaded rod, and will hold up to 100 lbs.



Datacom Cable J-Hooks | Pg. F37

Datacom Cable J-Hooks provide superior support for Cat 5E, Cat 6, Cat 6A, Cat 7 and fiber optic network cables. CAT Series J-Hooks are available in 3/4" thru 4" diameters and feature rounded edges for proper cable bend radius. Prepunched holes allow for attachment of rod clips or beam clamps.



SPRING STEEL CONDUIT CLAMPS SNAP CLOSE

PRODUCT FEATURES

- ▶ Easy snap-close
- ▶ Used for vertical or horizontal installations
- ▶ When only one Snapping hole is provided use for EMT or Rigid; When two Snapping holes are provided use the first hole for Rigid, the second for EMT

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Hole Size	Static Load (lbs.)		Std. Pkg.
					Vertical	Horizontal	
F6M4I	-	3/8"	14/2 to 12/3	1/4", Threaded	100	25	100
F812M4I	1/2", 3/4"	-	-	1/4", Threaded	100	25	100
F16M4I	1"	-	-	1/4", Threaded	100	25	100
F20M4I	1-1/4"	-	-	1/4", Threaded	100	25	100
F24M4I	1-1/2"	-	-	1/4", Threaded	100	25	100
F32M4I	2"	-	-	1/4", Threaded	100	25	100
F6M	-	3/8"	14/2 to 12/3	1/4", Plain	100	25	100
F812M	1/2", 3/4"	-	-	1/4", Plain	100	25	100
F16M	1"	-	-	1/4", Plain	100	25	100
F20M	1-1/4"	-	-	1/4", Plain	100	25	100
F24M	1-1/2"	-	-	1/4", Plain	100	25	100
F32M	2"	-	-	1/4", Plain	100	25	100



SPRING STEEL CONDUIT CLAMPS PUSH IN

PRODUCT FEATURES

- ▶ Push in installation of conduit
- ▶ Eliminates the need for offset conduit bending
- ▶ For vertical or horizontal installations

Cat. No.	EMT Size	Rigid Size	Hole Size	Static Load (lbs.)		Std. Pkg.
				Vertical	Horizontal	
F8P	1/2"	-	1/4", Plain	25	15	100
F12P	3/4"	1/2"	1/4", Plain	25	15	100
F16P	1"	3/4"	1/4", Plain	25	15	100



STAMPED STEEL CONDUIT HANGERS WITH BOLTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	EMT Size	Rigid Size	Std. Pkg.	Master Ctn.
PH-50B	#0B	1/2"	1/2" & 3/8"	50	500
PH-75B	#1B	3/4"	3/4"	50	500
PH-100B	#2B	1"	1"	25	250
PH-105B	#2-1/2B	1-1/4"	-	25	250
PH-125B	#3B	1-1/2"	1-1/4"	50	250
PH-150B	#4B	-	1-1/2"	50	250
PH-200B	#5B	2"	2"	20	100
PH-250B	#6B	2-1/2"	2-1/2"	10	50
PH-300B	#7B	3"	3"	10	50
PH-350B	#8B	3-1/2"	3-1/2"	10	50
PH-400B	#9B	4"	4"	5	25





SPRING STEEL
CONDUIT TO FLANGE CLIPS
BOTTOM MOUNT, SNAP CLOSE

PRODUCT FEATURES

- ▶ Supports conduit/pipe or cable from beam flanges
- ▶ Snap-close Clip can pivot through 360°
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	EMT/Rigid Size	FMC Size	MC/AC Size	Static Load (lbs.)	Std. Pkg.
F6M24	1/8" to 1/4"	-	3/8"	14/2 to 12/3	75	100
F6M58	5/16" to 1/2"	-	3/8"	14/2 to 12/3	75	100
F6M912	9/16" to 3/4"	-	3/8"	14/2 to 12/3	75	100
F812M24	1/8" to 1/4"	1/2", 3/4"	-	-	75	100
F812M58	5/16" to 1/2"	1/2", 3/4"	-	-	75	100
F812M912	9/16" to 3/4"	1/2", 3/4"	-	-	75	100
F16M24	1/8" to 1/4"	1"	-	-	75	100
F16M912	9/16" to 3/4"	1"	-	-	75	50



SPRING STEEL
CONDUIT TO FLANGE CLIPS
SIDE MOUNT, SNAP CLOSE

PRODUCT FEATURES

- ▶ Supports conduit/pipe or cable from beam flanges
- ▶ Snap-close Clip can pivot through 360°
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	EMT/Rigid Size	FMC Size	MC/AC Size	Static Load (lbs.)	Std. Pkg.
F6M24SM	1/8" to 1/4"	-	3/8"	14/2 to 12/3	25	100
F6M58SM	5/16" to 1/2"	-	3/8"	14/2 to 12/3	25	100
F6M912SM	9/16" to 3/4"	-	3/8"	14/2 to 12/3	25	100
F812M24SM	1/8" to 1/4"	1/2", 3/4"	-	-	25	100
F812M58SM	5/16" to 1/2"	1/2", 3/4"	-	-	25	100
F812M912SM	9/16" to 3/4"	1/2", 3/4"	-	-	25	100
F16M24SM	1/8" to 1/4"	1"	-	-	25	100
F16M58SM	5/16" to 1/2"	1"	-	-	25	100
F16M912SM	9/16" to 3/4"	1"	-	-	25	100
F20M24SM	1/8" to 1/4"	1-1/4"	-	-	25	100
F20M58SM	5/16" to 1/2"	1-1/4"	-	-	25	100
F20M912SM	9/16" to 3/4"	1-1/4"	-	-	25	100
F24M24SM	1/8" to 1/4"	1-1/2"	-	-	25	50
F24M58SM	5/16" to 1/2"	1-1/2"	-	-	25	50
F24M912SM	9/16" to 3/4"	1-1/2"	-	-	25	50
F32M24SM	1/8" to 1/4"	2"	-	-	25	50
F32M58SM	5/16" to 1/2"	2"	-	-	25	50
F32M912SM	9/16" to 3/4"	2"	-	-	25	50



SPRING STEEL
CONDUIT TO ANGLE PURLIN CLIP

PRODUCT FEATURES

- ▶ Provides attachment for conduit/pipe or cable to angle purlins
- ▶ Snap-close Clip can pivot through 360°
- ▶ Requires only a hammer to install

Cat. No.	EMT/Rigid Size	Flange Thickness	Static Load (lbs.)	Std. Pkg.
F123812M	1/2", 3/4"	3/32" MAX	100	100



SPRING STEEL CONDUIT TO FLANGE CLIPS BOTTOM MOUNT, PUSH IN

PRODUCT FEATURES

- ▶ Supports conduit/pipe or cable from beam flanges
- ▶ Push-in Clip can pivot through 360°
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	EMT Size	Rigid Size	Static Load (lbs.)	Std. Pkg.
F8P24	1/8" to 1/4"	1/2"	-	25	100
F8P58	5/16" to 1/2"	1/2"	-	25	100
F8P912	9/16" to 3/4"	1/2"	-	25	50
F12P24	1/8" to 1/4"	3/4"	1/2"	25	100
F12P58	5/16" to 1/2"	3/4"	1/2"	25	100
F12P912	9/16" to 3/4"	3/4"	1/2"	25	100
F16P24	1/8" to 1/4"	1"	3/4"	25	100
F16P58	5/16" to 1/2"	1"	3/4"	25	50
F16P912	9/16" to 3/4"	1"	3/4"	25	50



SPRING STEEL CONDUIT TO FLANGE CLIPS SIDE MOUNT, PUSH IN

PRODUCT FEATURES

- ▶ Supports conduit/pipe or cable from beam flanges
- ▶ Push-in Clip can pivot through 360°
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	EMT Size	Rigid Size	Static Load (lbs.)	Std. Pkg.
F8P24SM	1/8" to 1/4"	1/2"	-	15	100
F8P58SM	5/16" to 1/2"	1/2"	-	15	100
F8P912SM	9/16" to 3/4"	1/2"	-	15	100
F12P24SM	1/8" to 1/4"	3/4"	1/2"	15	100
F12P58SM	5/16" to 1/2"	3/4"	1/2"	15	100
F12P912SM	9/16" to 3/4"	3/4"	1/2"	15	50
F16P24SM	1/8" to 1/4"	1"	3/4"	15	100
F16P58SM	5/16" to 1/2"	1"	3/4"	15	100
F16P912SM	9/16" to 3/4"	1"	3/4"	15	50

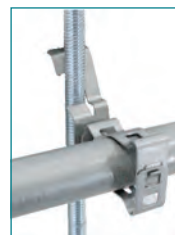


SPRING STEEL CABLE/CONDUIT TO ROD/WIRE CLIPS, SNAP CLOSE

PRODUCT FEATURES

- ▶ Provides attachment of conduit and boxes
- ▶ Snap-close Clip can pivot through 360°
- ▶ Easy Installation

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Flange Thickness	Rod Size	Wire Size	Std. Pkg.
F4Z346M	-	3/8"	14/2 to 12/3	1/8" to 3/8"	1/4"	#12	100
F4Z34812M	1/2", 3/4"	-	-	1/8" to 3/8"	1/4"	#12	100
F6Z34812M	1/2", 3/4"	-	-	3/8" to 7/16"	3/8"	-	100
F4Z3416M	1"	-	-	1/8" to 3/8"	1/4"	#12	100
F6Z3416M	1"	-	-	3/8" to 7/16"	3/8"	-	100



F4 | Cable & Conduit



SPRING STEEL CABLE/CONDUIT TO ROD/WIRE CLIPS, PUSH IN

PRODUCT FEATURES

- ▶ Provides attachment of conduit and boxes
- ▶ Snap-close Clip can pivot through 360°
- ▶ Easy Installation

Cat. No.	EMT Size	Rigid Size	Flange Thickness	Rod Size	Wire Size	Std. Pkg.
F4Z348P	1/2"	-	1/8" to 3/8"	1/4"	#12	100
F6Z348P	1/2"	-	3/8" to 7/16"	3/8"	-	100
F4Z3412P	3/4"	1/2"	1/8" to 3/8"	1/4"	#12	100
F6Z3412P	3/4"	1/2"	3/8" to 7/16"	3/8"	-	100
F4Z3416P	1"	3/4"	1/8" to 3/8"	1/4"	#12	100
F6Z3416P	1"	3/4"	3/8" to 7/16"	3/8"	-	100



SPRING STEEL CABLE/CONDUIT TO ROD/WIRE CLIPS

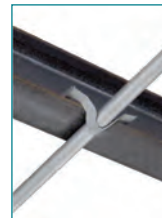
PRODUCT FEATURES

- ▶ Supports conduit to rod, wire or flange
- ▶ Can be used for flexible metallic tubing, armored cable, portable cables, control tubes and communication cables
- ▶ Available for EMT, Rigid, ENT and aluminum conduit
- ▶ No tools required to install

Cat. No.	Static Load (lbs.)			Std. Pkg.	Master Ctn.
	Vertical Wire/Rod	Horizontal Flange	Vertical Flange		
CC	-	-	-	100	1000
CC-8	50	100	15	100	1000
CC-12	50	100	15	100	1000
CC-16	50	100	15	100	1000
CC-20	50	100	22	100	-

Cable Size	#12 WIRE	#8, #9, #10 WIRE
14-2, 14-3, 12-2	CC	CC
12-3	CC	CC-8

Conduit Size	#10, #12 Wire	#8, #9 Wire	3/16", 1/4" Rod	1/8" - 1/4" Flange	5/16" - 3/8" Flange	7/16" - 1/2" Flange
1/2" EMT	CC-8	CC-8	CC-8	CC-8	CC-12	CC-12
1/2" RIGID	CC-8	CC-12	CC-12	CC-12	CC-12	CC-16
3/4" EMT	CC-12	CC-12	CC-12	CC-12	CC-16	CC-16
3/4" RIGID	CC-12	CC-12	CC-16	CC-16	CC-20	CC-20
1" EMT	-	CC-16	CC-16	CC-16	CC-20	CC-20
1" RIGID	-	-	-	CC-20	CC-20	CC-20
1 1/4" EMT	-	CC-20	CC-20	CC-20	-	-



SPRING STEEL CABLE/CONDUIT TO WIRE CLIP

PRODUCT FEATURES

- ▶ Supports cable and conduit without bending drop wire
- ▶ No tools required to install

SPRING STEEL WIRE BASKET TRAY CLIP

PRODUCT FEATURES

- ▶ Attaches wire basket tray to strut
- ▶ No tools required to install

STAMPED STEEL SADDLE TYPE STRUT CLAMPS

PRODUCT FEATURES

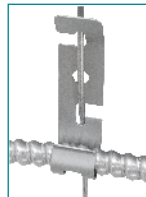
- ▶ Electroplated Zinc
- ▶ Tri-Combo Hex Screw Head
- ▶ Wide Saddle Design

STAMPED STEEL UNIVERSAL STRUT CLAMPS

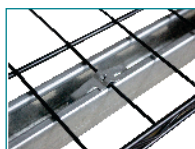
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Listed for EMT, IMC and Rigid
- ST-50 to ST-200:**
- ▶ Break-apart design without Nut
- ▶ Improved Screw Hole Threads in 2024
- STN-50 to STN-200 & ST-250 to ST-400:**
- ▶ Two-piece design with Nut

Cat. No.	MC/AC Size	Wire Size	Hole Size	Static Load (lbs.)	Std. Pkg.
CWC1	14/2 to 12/3	#12 to #8	1/4", Plain	25	100



Cat. No.	Wire Size	Std. Pkg.
CCT	3/16" to 5/16"	100



Cat. No.	EMT/RIGID Conduit Size	Cable O.D. Range	Std. Pkg.
STS-50	5/16" - 1/2"	0.260" - 0.890"	100
STS-75	3/4"	0.670" - 1.090"	100
STS-100	1"	0.890" - 1.450"	100
STS-125	1-1/4"	1.150" - 1.700"	50
STS-150	1-1/2"	1.350" - 2.000"	50
STS-200	2"	1.875" - 2.570"	50
STS-250	2-1/2"	2.500" - 3.060"	25
STS-300	3"	3.000" - 3.600"	25
STS-350	3-1/2"	3.600" - 4.100"	25
STS-400	4"	4.100" - 4.700"	25



Cat. No. With Nut	Cat. No. Without Nut	Trade Size	Std. Pkg.
STN-50	ST-50	1/2"	100
STN-75	ST-75	3/4"	100
STN-100	ST-100	1"	100
STN-125	ST-125	1-1/4"	100
STN-150	ST-150	1-1/2"	50
STN-200	ST-200	2"	50
ST-250		2-1/2"	50
ST-300		3"	25
ST-350		3-1/2"	25
ST-400		4"	25



STN-50 to STN-200
ST-250 to ST-400

ST-50 to ST-200



F6 | Cable & Conduit



STEEL U-BOLTS WITH HEX NUTS

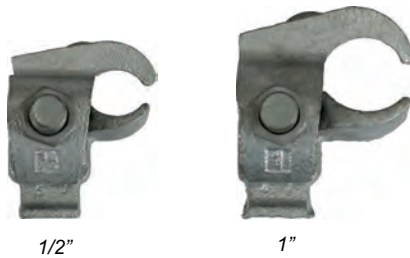
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Unified Coarse Thread

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SUB-50	1/2"	25	250
SUB-75	3/4"	25	250
SUB-100	1"	25	250
SUB-125	1-1/4"	20	200
SUB-150	1-1/2"	20	200
SUB-200	2"	20	200
SUB-250	2-1/2"	-	10
SUB-300	3"	-	10
SUB-350	3-1/2"	-	10
SUB-400	4"	-	10



Cat. No.	Trade Size	Std. Pkg.
MCCE-50	1/2"	50
MCCE-75	3/4"	50
MCCE-100	1"	25
MCCE-125	1-1/4"	25
MCCE-150	1-1/2"	25
MCCE-200	2"	25
MCCE-250	2-1/2"	10
MCCE-300	3"	10



Cat. No.	Trade Size	Std. Pkg.
MCCR-50	1/2"	50
MCCR-75	3/4"	50
MCCR-100	1"	50
MCCR-125	1-1/4"	50
MCCR-150	1-1/2"	50
MCCR-200	2"	50
MCCR-250	2-1/2"	25
MCCR-300	3"	25
MCCR-350	3-1/2"	25
MCCR-400	4"	25



Electrical Fasteners

MALLEABLE IRON CONDUIT CLAMPS EDGE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



MALLEABLE IRON CONDUIT CLAMPS RIGHT ANGLE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



MALLEABLE IRON CONDUIT CLAMPS PARALLEL TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCP-50	1/2"	50
MCCP-75	3/4"	50
MCCP-100	1"	50
MCCP-125	1-1/4"	25
MCCP-150	1-1/2"	25
MCCP-200	2"	25
MCCP-250	2-1/2"	10
MCCP-300	3"	10
MCCP-350	3-1/2"	10
MCCP-400	4"	10



1/2"



1"

SPRING STEEL CABLE SNAP CLIPS

PRODUCT FEATURES

- ▶ Clip snaps on flange and cable snaps into clip

Cat. No.	Flange Thickness	Outer Diameter	Std. Pkg.
FSC2A	1/16" - 3/16"	0.236" - 0.276"	100
FSC2D	1/16" - 3/16"	0.468" - 0.562"	100
FSC2E	1/16" - 3/16"	0.591" - 0.709"	100
FSC2F	1/16" - 3/16"	0.748" - 0.945"	100
FSC4B	3/16" - 9/32"	0.315" - 0.357"	100
FSC4D	3/16" - 9/32"	0.468" - 0.562"	100



SPRING STEEL NM CABLE TO FLANGE CLIP

PRODUCT FEATURES

- ▶ Attaches NM cable to beam flange
- ▶ Supports cable sizes with ground wire
- ▶ Requires only a hammer to install

Cat. No.	MC/AC Size	Outer Diameter	Flange Thickness	Std. Pkg.
FRMX58	14/2, 12/2	0.28" to 0.32"	5/16" to 1/2"	100



F8 | Cable & Conduit

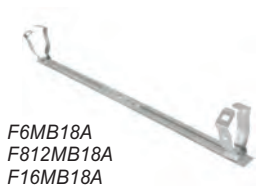


STEEL BOX/CONDUIT HANGERS

PRODUCT FEATURES

- ▶ Pre-Galvanized Steel Hanger
- ▶ Spring Steel Clamps
- ▶ Supports overhead boxes and conduit from threaded rod
- ▶ Eliminates need for offset conduit bending

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Hole Size	Screw Size	Std. Pkg.
F6MB18A	-	3/8"	14/2 to 12/3	1/4", Plain	-	25
F812MB18A	1/2", 3/4"	-	-	1/4", Plain	-	25
F812MB18S	1/2", 3/4"	-	-	-	1/4"-20 X 9/16"	25
F16MB18A	1"	-	-	1/4", Plain	-	25



STEEL BOX/MULTI-CONDUIT TO WIRE/ROD HANGER

PRODUCT FEATURES

- ▶ Pre-Galvanized Steel Hanger & Bracket
- ▶ Spring Steel Wire/Rod Clip
- ▶ Spring Steel Clamps supports up to six (6) conduit/cable runs from both sides of the box
- ▶ Provides support for both sides of horizontal electrical box or conduit
- ▶ Greatly reduces material costs for drop wire or rods vs. traditional methods
- ▶ Accepts 4" square, 4-11/16" and 5" boxes
- ▶ Eliminates need for offset conduit bending

Cat. No.	FMC Size	MC/AC Size	Rod Size	Wire Size	Std. Pkg.
F6M3B18CO NEW	3/8"	14/2 to 12/3	1/4"	#12-#8	25



F6M3B18CO INSTALLED

Supports up to 6 conduit/cable runs.
Compatible with 4", 4-11/16" and 5" boxes. Entire assembly supported by one threaded rod or drop wire.

SPRING STEEL CONDUIT TO T-GRID CLIPS TOP MOUNT, SNAP CLOSE

PRODUCT FEATURES

- ▶ Supports conduit above acoustical T-bar
- ▶ No tools required to install

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Std. Pkg.
F6MATA	-	3/8"	14/2 to 12/3	100
F812MATA	1/2", 3/4"	-	-	100

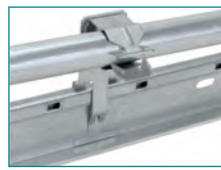


SPRING STEEL CONDUIT TO T-GRID CLIP SIDE MOUNT, PUSH IN

PRODUCT FEATURES

- ▶ Supports conduit above acoustical T-bar
- ▶ No tools required to install

Cat. No.	EMT Size	Std. Pkg.
F8PATS	1/2"	100



Electrical Fasteners

SPRING STEEL CONDUIT TO STUD CLIPS SNAP ON, SNAP CLOSE

PRODUCT FEATURES

- ▶ Easily Snaps onto stud
- ▶ Snap-close conduit support
- ▶ Screw provision for additional support

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Stud Clip Size	Std. Pkg.
F6MF	-	3/8"	14/2 to 12/3	1-3/8" to 1-1/2"	100
F812MF	1/2", 3/4"	-	-	1-3/8" to 1-1/2"	100
F16MF	1"	-	-	1-3/8" to 1-1/2"	100
F20MF	1-1/4"	-	-	1-3/8" to 1-1/2"	50

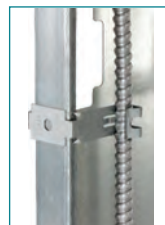


SPRING STEEL CABLE TO STUD CLIP

PRODUCT FEATURES

- ▶ Secures NM or MC/AC cable to wood or metal studs
- ▶ Compliance with NEC® 300.4(d), CEC 12-618 and CEC 12-510
- ▶ No tools required to install
- ▶ Screw provision for additional support

Cat. No.	MC/AC Size	NM Size	Cable Clip Size	Stud Clip Size	Std. Pkg.
FFXC20	14/2 to 12/3	14/2 to 12/3	7/16" to 9/16"	1-3/8" to 1-1/2"	100



SPRING STEEL CONDUIT TO STUD ATTACHMENT SNAP CLOSE

PRODUCT FEATURES

- ▶ Positions conduit on metal or wood stud of any size
- ▶ Held to stud with screw
- ▶ Snap-close conduit support

Cat. No.	EMT Size	Std. Pkg.
F350812M	1/2", 3/4"	100



F10 | Cable & Conduit

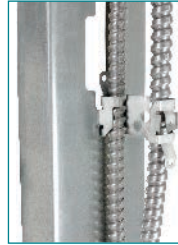
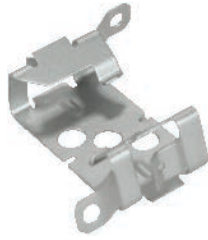


SPRING STEEL MC/AC CABLE TO STUD CLIP

PRODUCT FEATURES

- ▶ No tools required to install
- ▶ Holes in clip allow it to be screwed into wood stud, concrete or block
- ▶ Stabilizer legs provide "wobble-free" support
- ▶ Compliant with NEC® Article 300.4(d), allowing cable to be positioned a minimum of 1-1/4" from face of stud
- ▶ Compliant with CEC Rule 12-618 for support of MC/AC cable
- ▶ Snaps in half, making two clips out of one

Cat. No.	Flange Thickness	MC/AC Size	Std. Pkg.
FMAC2	1/8" MAX	14/2 to 10/3	100



SPRING STEEL MC/AC CABLE TO METAL STUD CLIP

PRODUCT FEATURES

- ▶ Easy installation of MC/AC to metal stud
- ▶ No tools required to install

Cat. No.	Outer Diameter	MC/AC Size	Std. Pkg.
MSC	0.429" - 0.531"	14/2 to 12/3	100



STAMPED STEEL NAIL STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Varies according to sizes

Cat. No.	EMT Size	FLEX Size	Std. Pkg.	Master Ctn.
NS-50	1/2"	3/8"	100	1000
NS-50/75	3/4"	1/2"	100	1000
NS-100	1"	3/4"	100	1000

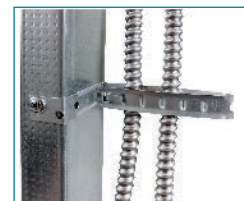


PRE-GALVANIZED STEEL STUD MOUNTING CABLE SUPPORT

PRODUCT FEATURES

- ▶ Wood or Metal Stud
- ▶ Easy to Lock
- ▶ Space saving packing

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100



STAMPED STEEL 1-HOLE RG6U CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-25	RG6U (Coaxial Cable) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE MC(BX) CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-38	12-2, 12-3, 10-2, 10-3 MC (BX) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE EMT STRAPS

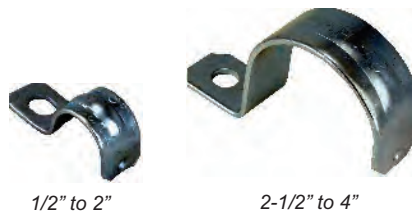
PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SE1-50	1/2"	100	1000
SE1-75	3/4"	100	1000
SE1-100	1"	100	500
SE1-125	1-1/4"	100	500
SE1-150	1-1/2"	50	500
SE1-200	2"	50	500
SU1-250	2-1/2"	25	100
SU1-300	3"	25	100
SU1-350	3-1/2"	25	100
SU1-400	4"	25	100



STAMPED STEEL 2-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SE2-50	1/2"	100	1000
SE2-75	3/4"	100	1000
SE2-100	1"	100	500
SE2-125	1-1/4"	100	500
SE2-150	1-1/2"	50	500
SE2-200	2"	50	500
SU2-250	2-1/2"	25	100
SU2-300	3"	25	100
SU2-350	3-1/2"	25	100
SU2-400	4"	25	100





STAMPED STEEL 1-HOLE RIGID STRAPS

PRODUCT FEATURES

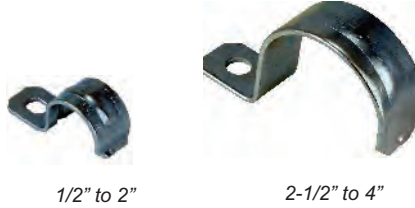
- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SR1-50	1/2"	100	1000
SR1-75	3/4"	100	1000
SR1-100	1"	100	500
SR1-125	1-1/4"	100	500
SR1-150	1-1/2"	50	500
SR1-200	2"	50	500
SU1-250	2-1/2"	25	100
SU1-300	3"	25	100
SU1-350	3-1/2"	25	100
SU1-400	4"	25	100



STAMPED STEEL 2-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SR2-50	1/2"	100	1000
SR2-75	3/4"	100	1000
SR2-100	1"	100	500
SR2-125	1-1/4"	100	500
SR2-150	1-1/2"	50	500
SR2-200	2"	50	500
SU2-250	2-1/2"	25	100
SU2-300	3"	25	100
SU2-350	3-1/2"	25	100
SU2-400	4"	25	100



MALLEABLE IRON 1-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SRM1-50	1/2"	100	1000
SRM1-75	3/4"	50	500
SRM1-100	1"	25	250
SRM1-125	1-1/4"	20	200
SRM1-150	1-1/2"	10	100
SRM1-200	2"	10	50
SRM1-250	2-1/2"	-	25
SRM1-300	3"	-	25
SRM1-350	3-1/2"	-	10
SRM1-400	4"	-	10



MALLEABLE IRON CLAMP BACK SPACERS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBS-50	1/2"	25	250
CBS-75	3/4"	25	250
CBS-100	1"	25	250
CBS-125	1-1/4"	10	100
CBS-150	1-1/2"	10	100
CBS-200	2"	5	50
CBS-250	2-1/2"	-	25
CBS-300	3"	-	10
CBS-350	3-1/2"	-	10
CBS-400	4"	-	10



STAMPED STEEL 1-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES1-50	Three #8, #6, #4	100	500
SES1-75	Three #3, #2	100	500
SES1-100	Three #1, #1/0, #2/0	50	250
SES1-200	Three #3/0, #4/0	25	250



STAMPED STEEL 2-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES2-50	Three #8, #6, #4	20	100
SES2-75	Three #3, #2	20	100
SES2-100	Three #1, #1/0, #2/0	20	100
SES2-200	Three #3/0, #4/0	20	100



F14 | Stud Wall

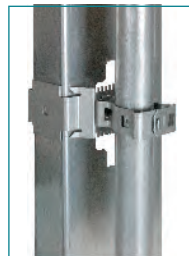


SPRING STEEL CONDUIT TO STUD CLIPS SNAP ON, SNAP CLOSE

PRODUCT FEATURES

- ▶ Easily Snaps onto stud
- ▶ Snap-close conduit support
- ▶ Screw provision for additional support

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Stud Clip Size	Std. Pkg.
F6MF	-	3/8"	14/2 to 12/3	1-3/8" to 1-1/2"	100
F812MF	1/2", 3/4"	-	-	1-3/8" to 1-1/2"	100
F16MF	1"	-	-	1-3/8" to 1-1/2"	100
F20MF	1-1/4"	-	-	1-3/8" to 1-1/2"	50

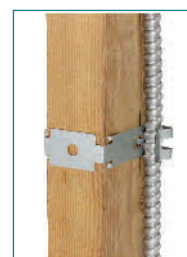
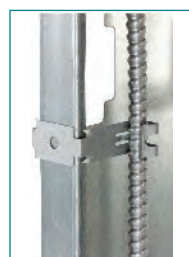


SPRING STEEL CABLE TO STUD CLIP

PRODUCT FEATURES

- ▶ Secures NM or MC/AC cable to metal or wood studs
- ▶ Compliance with NEC® 300.4(d), CEC 12-618 and CEC 12-510
- ▶ No tools needed for installation
- ▶ Screw provision for additional support

Cat. No.	MC/AC Size	NM Size	Cable Clip Size	Stud Clip Size	Std. Pkg.
FFXC20	14/2 to 12/3	14/2 to 12/3	7/16" to 9/16"	1-3/8" to 1-1/2"	100



SPRING STEEL CONDUIT TO STUD ATTACHMENT SNAP CLOSE

PRODUCT FEATURES

- ▶ Positions conduit on metal or wood stud of any size
- ▶ Held to stud with screw
- ▶ Snap-close conduit support

Cat. No.	EMT Size	Std. Pkg.
F350812M	1/2", 3/4"	100

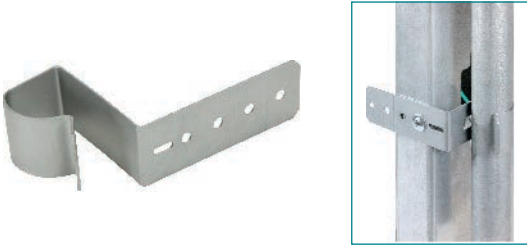


**SPRING STEEL
CABLE/CONDUIT TO STUD
ATTACHMENTS**

PRODUCT FEATURES

- Supports EMT conduit or MC/AC cable
- Ensures conduit is in-line with junction box knockout
- Allows for overlap of other fasteners sharing the same screw(s)
- For wood or metal studs
- Eliminates offset bending of conduit
- Complies with NEC® Article 358.30(A), which requires conduit support within 36" of an electrical box
- Complies with CEC Rule 12-1404, which requires conduit support within 1 m of an electrical box
- Complies with CEC Rule 12-618, which requires support of armoured cable within 300 mm (12") of an electrical box

Cat. No.	EMT Size	Box Depth	Std. Pkg.
FCS812	1/2", 3/4"	1-1/2"	100
FCS812D	1/2", 3/4"	2-1/8"	100
FCS16	1"	2-1/8"	100

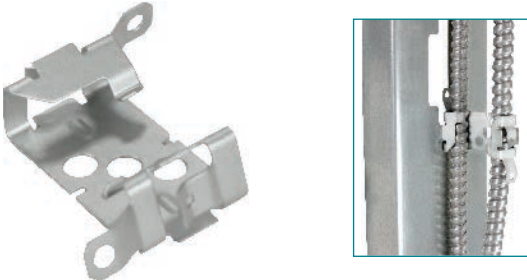


**SPRING STEEL
MC/AC CABLE TO STUD CLIP**

PRODUCT FEATURES

- No tools required to install
- Holes in clip allow it to be screwed into wood stud, concrete or block
- Stabilizer legs provide "wobble-free" support
- Compliant with NEC® Article 300.4(d), allowing cable to be positioned a minimum of 1-1/4" from face of stud
- Compliant with CEC Rule 12-618 for support of MC/AC cable
- Snaps in half, making two clips out of one

Cat. No.	Flange Thickness	MC/AC Size	Std. Pkg.
FMAC2	1/8" MAX	14/2 to 10/3	100

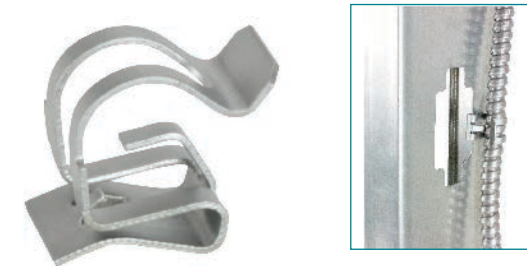


**SPRING STEEL
MC/AC CABLE TO
METAL STUD CLIP**

PRODUCT FEATURES

- Easy installation of MC/AC to metal stud
- No tools required to install

Cat. No.	Outer Diameter	MC/AC Size	Std. Pkg.
MSC	0.429" - 0.531"	14/2 to 12/3	100



Electrical Fasteners



F16 | Stud Wall



PRE-GALVANIZED STEEL STUD MOUNTING CABLE SUPPORT

PRODUCT FEATURES

- ▶ Wood or Metal Stud
- ▶ Easy to Lock
- ▶ Space Saving Packaging

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100



PLASTIC UNIVERSAL METAL STUD GROMMET

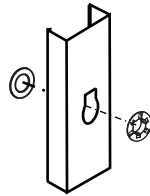
PRODUCT FEATURES

- ▶ High Strength, non-conductive polypropylene
- ▶ Universal design fits into a standard 1" Trade Size hole and all factory-punched stud holes
- ▶ Lightweight material eases installation

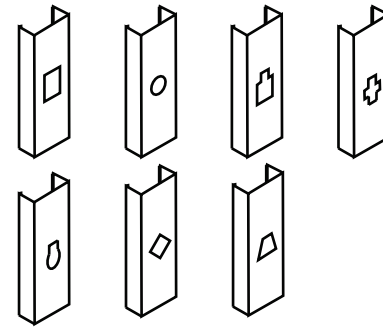
Cat. No.	Description	Std. Pkg.
PUSG	Universal Snap-in type bushings for Metal Stud, fit all factory punched metal stud holes	100

INSTALLATION INSTRUCTION:

- Step 1:** Separate the two halves
- Step 2:** Snap the bushing end and the washer end together through the hole
- Step 3:** Install cable through the grommet



COMMON HOLE SHAPES IN METAL STUDS:



BOX MOUNTED CONDUIT/CABLE SUPPORTS

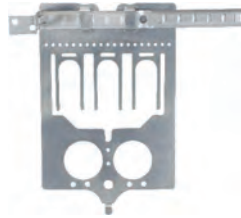
PRODUCT FEATURES

- ▶ Eliminates need for field installed first means of support
- ▶ Attaches directly to any size junction box for a cost-saving solution to first means of support needs
- ▶ Complies with NEC 330.30 (B)
- ▶ Eliminates the need for additional bar hangers in the field
- ▶ BMCS-CJ6 includes a CS-CJ6 for tool-less cable installation

Cat. No.	Description	Std. Pkg.
BMCS	Box Mounted Conduit Cable Support	50
BMCS-CJ6	Box Mounted Conduit Cable Support with CS-CJ6 for tool-less installation	50



BMCS



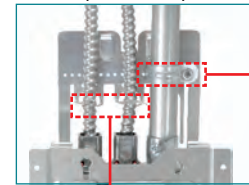
BMCS-CJ6



CS-CJ6

Secures up to 4 MC/AC Cables without tools

PIN HOLES
Pin holes allow for installation up to 2" straps



FORKS

Support up to 3 MC/AC Cables without tools



PATENT PENDING

ORBIT INDUSTRIES EXCLUSIVE



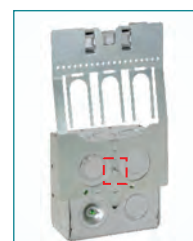
TRADITIONAL METHOD



BMCS-CJ6 installed on box to minimize field work & eliminates need for additional bar hanger



Installed with just one Wafer Head Screw



ADJUSTABLE BAR HANGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Ends bend and wrap around studs
- ▶ Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" deep
- ▶ For stud and hard lid ceiling joists

**SHIPS
PREASSEMBLED**

Cat. No.	Description	Std. Pkg.
BHA-16	11" to 18" Adjustable Box Bracket – Mount box with self-tapping screws	50
BHA-24	15-3/4" to 26" Adjustable Box Bracket – Mount box with self-tapping screws	50

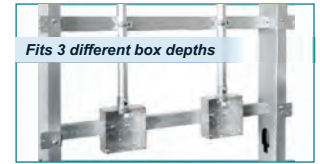


BHA-16

BHA-24

Adjust from 11" to 18"

Adjust from 15-3/4" to 26"



Fits 3 different box depths

BOX AND CONDUIT SUPPORT BETWEEN STUDS USING BHA

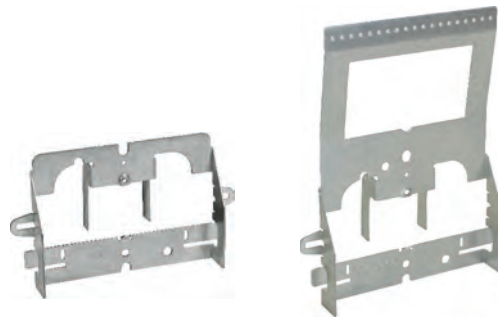
- 1-1/2" Deep
- 2-1/8" Deep
- 2-1/2" Deep

DROP-ON-BAR SLIDER BRACKETS

PRODUCT FEATURES

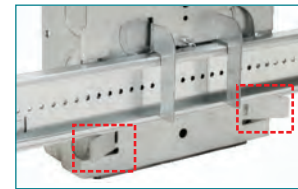
- ▶ Quickly attach to any 4" or 4-11/16" square box
- ▶ Easily drops onto Orbit's BHA-16 and BHA-24
- ▶ A BARB and box assembly can easily be repositioned along the hanger
- ▶ Multiple BARB assemblies can be added before and after the BHA is installed
- ▶ Can be fully prefabricated and locked onto the BHA without setting final box position
- ▶ BARB-CS includes cable support pin holes

Cat. No.	Description	Std. Pkg.
BARB	Drop-On-Bar Slider Bracket	50
BARB-CS	Drop-On-Bar Slider Bracket with conduit & cable support pin holes	50



BARB

BARB-CS



BENDABLE LOCKING TABS

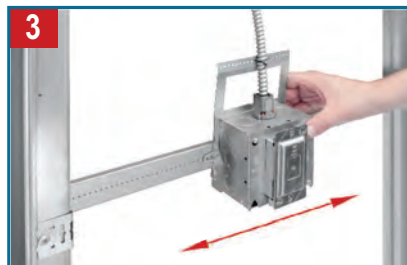
A BARB and box assembly can be locked onto a BHA before arriving on the job site. Allows for quick Adjustments in the field

PATENTED ORBIT INDUSTRIES EXCLUSIVE

Video Available On Our Website!



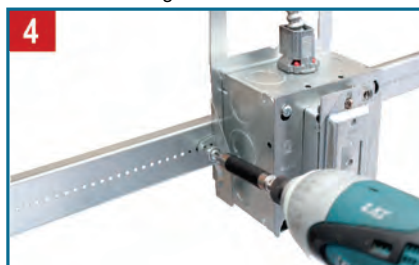
Attach to a 4" or 4-11/16" box with a single wafer head screw, forming a versatile box assembly



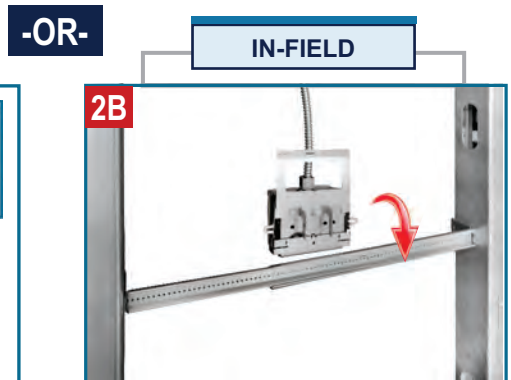
Once the BHA is installed on studs, the box assembly can be adjusted along the hanger



Box assemblies can be prefabricated onto a BHA before arriving to the job site, locking onto the hanger via its bendable tabs



Secure the assembly to the BHA with Tek screws, setting the box in place



For in-field installations, simply drop the box assembly onto a BHA before or after the hanger has been installed



Multiple box assemblies can be easily added! Up to 3 between 16" & 4 between 24" studs



F18 | Stud Wall



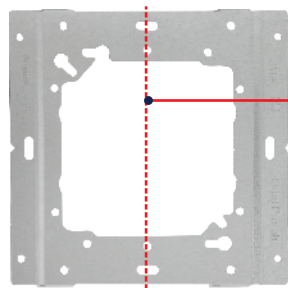
UNIVERSAL MOUNTING ADAPTERS

PRODUCT FEATURES

- ▶ **UMA & UMA-LVBS's** either mount direct-to-stud or clip onto **SSB Brackets** for between stud and overhead installations
- ▶ **UMA** accepts 4" or 4-11/16" sq. boxes; compatible with all Orbit Adj. Rings
- ▶ **UMA** compatible with all Orbit Adj. Rings
- ▶ **UMA-LVBS's** accept 4", 4-11/16" and 5" sq. boxes
- ▶ **UMA-LVBS's** compatible with all Orbit Adj. Rings except for *SAR2G models; allows for *AR2G-58 models to mount vertical or horizontal
- ▶ **UMA-LVBS's** allow 4" rings to be mounted independently of boxes, can be used with any size box

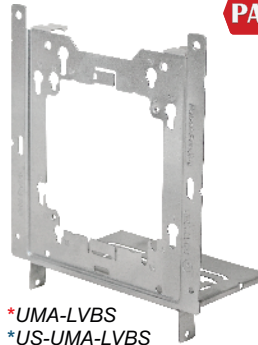
Cat. No.	Description	Std. Pkg.
UMA	Universal Mounting Adapter for 4" and 4-11/16" Sq. boxes & multigang boxes to mount to SSB-T5, SSB-TBAR, USB and directly to stud. Cut in half to mount multigang boxes	25
UMA-LVBS	Universal Mounting Adapter w/ Back Support (up to 6"), allows for 4", 4-11/16" & 5" Sq. boxes to mount to SSB-T5, SSB-TBAR, USB and directly to stud	25
*US-UMA-LVBS <small>NEW</small>	Made in USA UMA-LVBS	25

*UMA-LVBS Spec updated May 2023



UMA

Break in half to mount Multigang Boxes



*UMA-LVBS
*US-UMA-LVBS

PATENTED

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Video Available On Our Website!

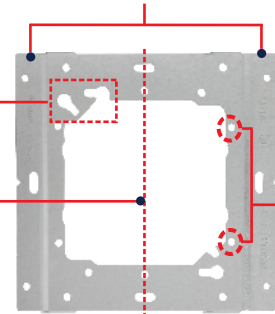


Electrical Fasteners

Mounts on either side of wall stud

Compatible with 4" & 4-11/16" sq. boxes

Break in half to mount Multigang Boxes



UMA

Through hole for multigang box screws

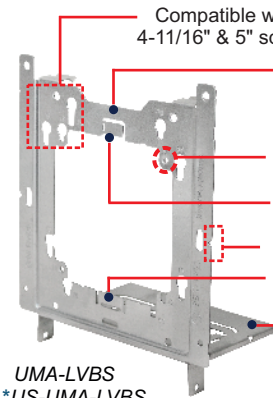
Compatible with 4", 4-11/16" & 5" sq. boxes

Easy access to set screw fittings

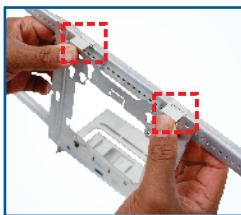
LV holes to mount 4" sq. rings on any size box
4" sq. box latch

Center cutout 4-11/16" sq. box latch

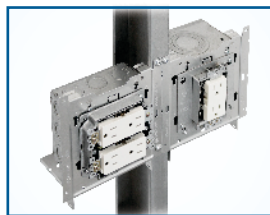
Up to 3-1/2" back support standard, tool-less extension for up to 6" back support integrated



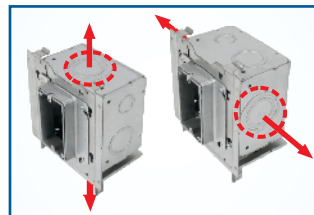
UMA-LVBS
*US-UMA-LVBS



Adapters easily SNAP onto SSB Brackets



Pair 4" rings with any 4-11/16" or 5" sq. box with UMA-LVBS

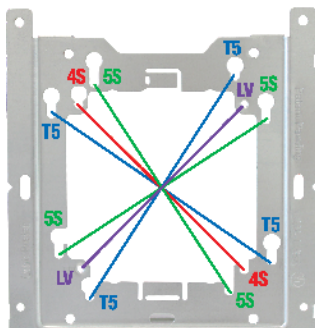


Turn any 4", 4-11/16" and 5" sq. box 90° with UMA-LVBS



Break UMA in half to mount Multigang Boxes

UMA-LVBS FEATURES

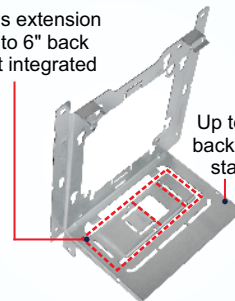


Turn any 4", 4-11/16" and 5" Sq. Box 90°

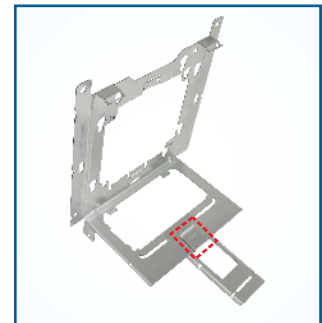
▶ LV= 4" ring ▶ 4S= 4" sq. ▶ 5S= 4-11/16" sq. ▶ T5= 5" sq.

BUILT-IN BACK SUPPORT & EXTENSION

Tool-less extension for up to 6" back support integrated



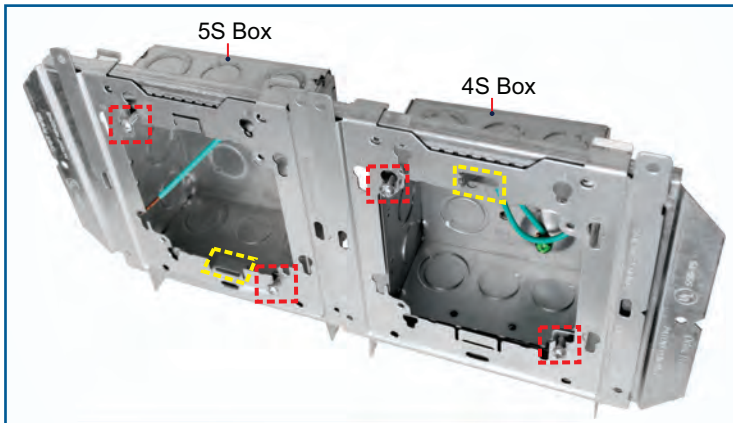
Up to 3-1/2" back support standard



SNAP-OFF

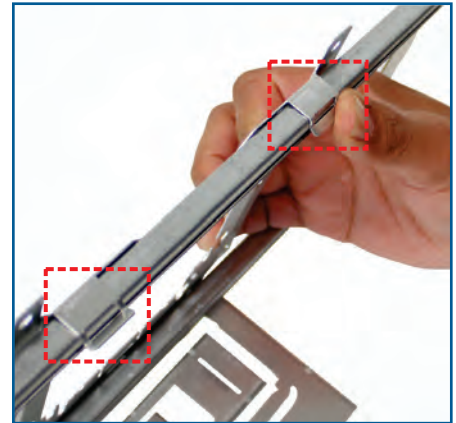
TOOL-LESS INSTALLATION

BOX & ADAPTER LATCHES



BOX TO ADAPTER LATCH

Bendable latch tabs securely hold 4" or 4-11/16" sq. box in place without need to tighten box screws. Skip hassle of tightening box screws until the final ring installation, making installation process more efficient and convenient.



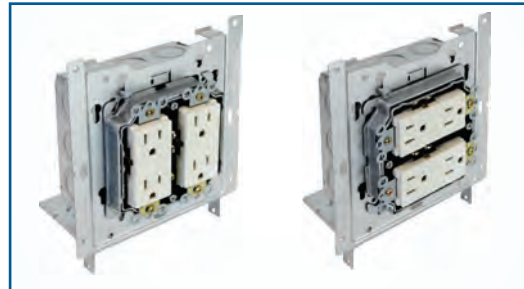
ADAPTER TO BRACKET LATCH

Fold tab to secure adapter on SSB Brackets

90° ROTATION



Extended Mounting Tab enables secure mounting with 90° rotation. Box will be able to receive large conduit without removal of back support.



All *AR1G- & *AR2G- rings install vertical or horizontal

STUD MOUNT

SIMPLE SUPPORT BRACKET

PRODUCT FEATURES

- Adjusts from 15" to 25", rigidity eliminates need for farside back support
- Accepts 4", 4-11/16" & 5" Sq. Boxes; must be paired with UMA-LVBS to mount 5" Sq. Boxes
- Expand without removing adapters or junction boxes (ideal for prefabrication)
- Install between wall studs or overhead between hard lid ceiling joists
- Must be accompanied with either UMA or UMA-LVBS to mount a junction box. UMAB's/UMIAB's also snap on
- See pg. P1 for complete SSB Family of products

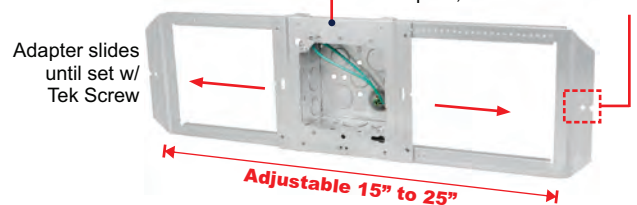


Fits 5" square boxes!

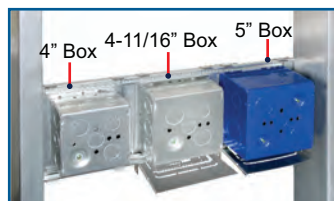
VERTICAL & HORIZONTAL RING INSTALLATION

UMA: 4" & 4-11/16" sq. box adapter compatible with all Adjustable Rings

Mounting hole and center cutout for a quick, leveled installation

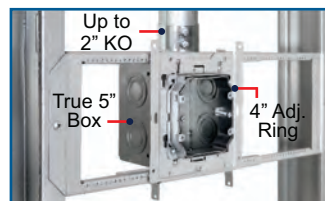


Order preassembled with box and 10" pigtail as SSB-4S-MKO, SSB-A4, SSB-5S-MKO or SSB-T5B-200 (pg. P5-6)



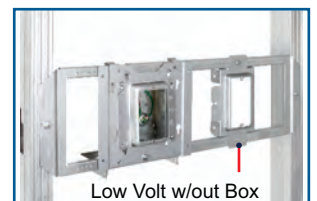
ANY SIZE J-BOX

SSB-T5 fits up to three 4", 4-11/16" or 5" boxes between 24" studs



SSB-T5 INSTALLED

Use **5SLB-2MKO** (pg. P28) or **T5B's** (pg. P27) for 1-1/4" or larger conduit



POWER + DATA

Use LVSB1 or 2 for Low Voltage applications that do not require a junction box

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Video Available On Our Website!

F20 | Stud Wall



UNIVERSAL MOUNTING ADJUSTABLE BOXES

PRODUCT FEATURES

- ▶ Either mount direct-to-stud or clip onto SSB Brackets
- ▶ Ideal for Life Safety systems rough-in
- ▶ Adjustable boxes ship with boxes set at 5/8" raise
- ▶ **UMIAB-35's**: Internal Adjustment from 1/2" to 1-1/2"
- ▶ **UMAB's**: External Adjustment from 0" to 1-1/2"
- ▶ **UMAB-4R** includes 10" Solid Cu. #12AWG Pigtail and 10-32 Ground Screw

Cat. No.	Description	Std. Pkg.
UMIAB-35 <small>NEW</small>	Internal Adjustment 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 1/2" to 1-1/2"	10
FA-UMIAB-35 <small>NEW</small>	Internal Adjustment Red 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 1/2" to 1-1/2"	10
UMAB	External Adjustment 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 0" to 1-1/2"	10
FA-UMAB	External Adjustment Red 4" Square, 3-1/2" Deep Box, 46 Cu. In., Adj. range: 0" to 1-1/2"	10
UMAB-4R	External Adjustment 4" (4O), 2-1/8" Deep Box w/ 10" PT, 21.1 Cu. In., Adj. range: 0" to 1-1/2"	20
FA-UMAB-4R	External Adjustment Red 4" (4O), 2-1/8" Deep Box, 21.1 Cu. In., Adj. range: 0" to 1-1/2"	20
FA-SSB-UMAB	Preassembled SSB-T5 with FA-UMAB	10
FA-SSB-4R <small>NEW</small>	Preassembled SSB-T5 with FA-UMAB-4R	20

PATENTED

ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

NEW



UMIAB-35

NEW



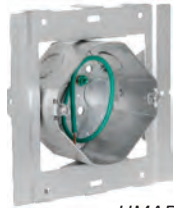
FA-UMIAB-35



UMAB



FA-UMAB



UMAB-4R

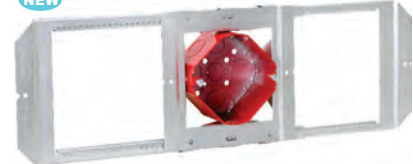


FA-UMAB-4R



FA-SSB-UMAB

NEW



FA-SSB-4R

DIRECT-TO, BETWEEN STUDS & OVERHEAD APPLICATIONS



DIRECT TO STUD



6-way Adjustability

BETWEEN STUDS



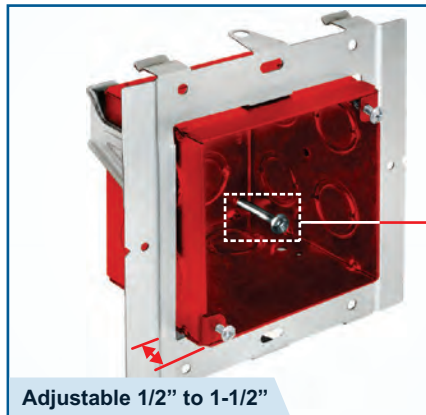
Branch Line Restraint Holes

6-way Adjustability

ON HARD LID

UMAB's & UMIAB--35's can be mounted directly to studs or snapped onto SSB-T5 for between stud or overhead/hard lid applications

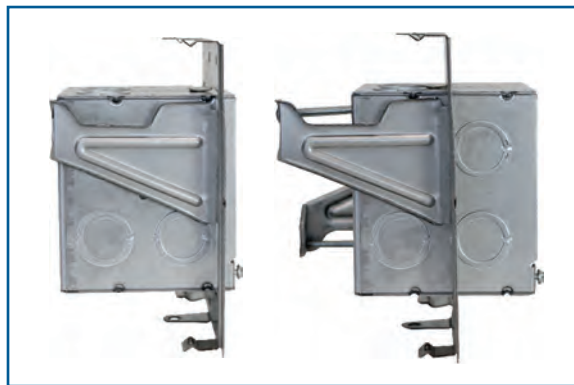
UMIAB-35 FEATURES



Adjustable 1/2" to 1-1/2"



TRI-COMBO HEX SCREW



1/2" to 1-1/2"

INTERNAL ADJUSTMENT

Internal adjustment screws allow the box to be adjusted before and after installation

ADJUSTABILITY RANGE

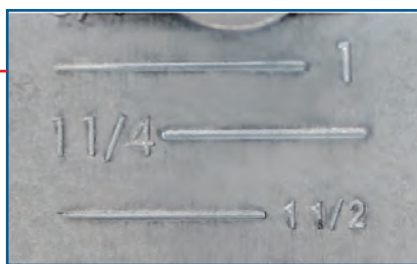
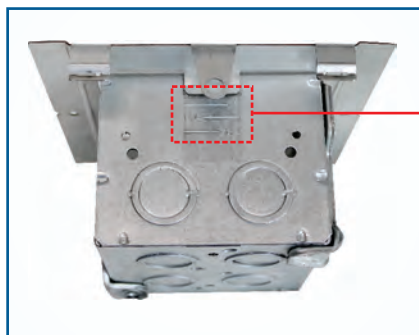
UMAB FEATURES



Adjustable 0" to 1-1/2"

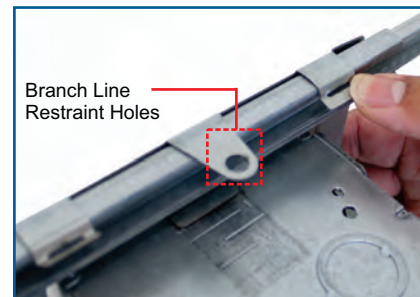
EXTERNAL ADJUSTMENT

Guided slots on each side allow the box to be easily adjusted by external screws



DEPTH MARKING

Engraved depth stamp on box allows for depth measurement without requiring additional measuring tools



Branch Line Restraint Holes

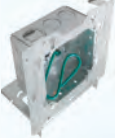




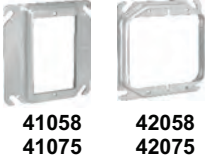


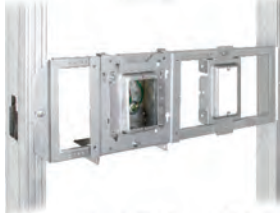















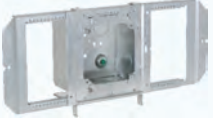




ADAPTER TO BRACKET LATCH

Fold tabs to secure adapter on SSB Brackets



READY-TO-INSTALL BOXES & BRACKETS

IN-STOCK, PRE-ASSEMBLED ROUGH-IN PRODUCTS

	Cat No.	Components			Std. Pkg	Installation Images	
POWER	 LVBS-4			-	25		
	 LVBS-4-158 LVBS-4-258 LVBS-4-175 LVBS-4-275				25		
	 LVBS-4-A158 LVBS-4-A258 LVBS-4-A134	UMA-LVBS	4SDB-MKO-PT-10		25	 Shown Installed on SSB-T5	
	 LVBS-A4-CS6			-	25		
	 LVBS-A4-A158-CS6		4SDB-AMC-PT		25	 Shown Installed on SSB-T5	
	 SSB-4S-MKO				12		
	 SSB-A4				12		
	 SSB-5S-MKO				12		
	DATA	 SSB-T5B-200				10	

Electrical Fasteners

Email info@orbitprofab.com for more information














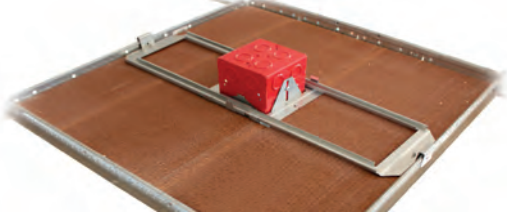

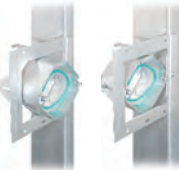

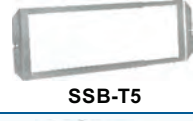













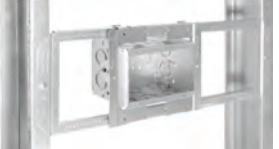
Add **"-FS"** to include 2-hour rated Fireblok™ UFSI Insert (UFSI spec on pg. P31)

Add **"-CS"** to include BMCS

Add **"-CS6"** to include BMCS-CJ6 (BMCS spec on pg. P2)

READY-TO-INSTALL BOXES & BRACKETS

IN-STOCK, PRE-ASSEMBLED ROUGH-IN PRODUCTS

	Cat No.	Std. Pkg	Installation Image	Cat No.	Std. Pkg	Installation Image
FIRE ALARM	 UMAB	10	 Adjustable 0" to 1-1/2"	 UMIAB-35	10	 Adjustable 1/2" to 1-1/2"
	 FA-UMAB	10		 FA-UMIAB-35	10	
	Cat No.	Components		Std. Pkg	Installation Images	
	 FA-SSB-UMAB	 SSB-T5	 FA-UMAB	10		
 FA-TBAR-UMAB	 SSB-TBAR	 FA-UMAB	10			
SMOKE DETECTOR	 FA-UMAB-4R	-	-	20	 Direct-to-Stud	
	 FA-SSB-4R	 SSB-T5	 FA-UMAB-4R	20	 FA-SSB-4R Shown Installed in hard lid ceiling UMAC-4R Shown Installed on SSB-T5	
	 FA-TBAR-4R	 SSB-TBAR	 FA-UMAB-4R	20		
LIGHTING	 UMAB-4R	-	-	20	 2022 NECA Show Stopper	
	 SSBT-4R	 SSB-TBAR	 UMAB-4R	20		
MULTI-GANG	 SSB-MB3 (Shown)	 SSB-T5	 MB-3	10		

Electrical Fasteners

See pg. P2 for more Multi-Gang Box on SSB Models



F24 | Stud Wall



TELESCOPING SUPPORT BRACKET

PRODUCT FEATURES

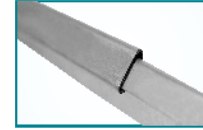
- ▶ Telescoping bracket adjusts from 16" to 27"
- ▶ Accepts 4", 4-11/16" square, and up to 10-Gang boxes and rings
- ▶ Install between wall studs or overhead between hard lid ceiling joists
- ▶ Easily adjust position of boxes in field
- ▶ Packaged preassembled and ready to use
- ▶ Markings on bracket allow for quick and consistent adjustability
- ▶ Rigidity eliminates need for far-side back support

SHIPS PREASSEMBLED

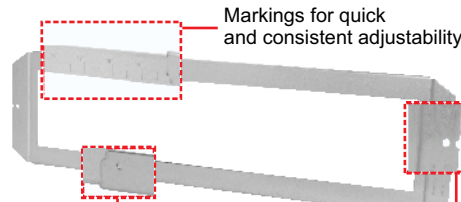


Video Available On Our Website!

Cat. No.	Description	Std. Pkg.
TSB	Telescoping Support Bracket adjusts from 16" to 27" for mounting 4", 4-11/16" square and up to 10-gang boxes between studs	25



Extra bend ensures a sturdy design



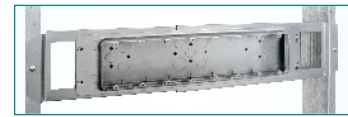
Markings for quick and consistent adjustability

Additional mounting holes for added security

Mounting hole and center cutout for a quick, leveled installation



Adjustable 16" to 27"



Fits 4", 4-11/16" square, and up to 10-Gang boxes

FLAT BRACKET FAMILY

PRODUCT FEATURES

- ▶ Compatible with 4", 4-11/16" and 5" sq. boxes
- ▶ Allows 5" boxes to use 4" rings, reducing material costs
- ▶ 4" rings can be mounted on their own for low voltage applications using 8/32 screws
- ▶ Low profile design accepts up to 2" fittings
- ▶ Additional width and slotted mounting holes allow for extra flexibility on studs
- ▶ **KB-18, KFB-318, KFB-418** contain up to 6" Back Support for additional stability
- ▶ **KB-18** contains optional Stud Supports that can be folded out when installed between studs
- ▶ Compatible with Orbit's UL Adjustable Rings
- ▶ See P13-14 for more info on the Flat Bracket Family

Cat. No.	Description	Std. Pkg.
FB-3	Flat Box Mounting Bracket 3-Box for 16" stud	25
FB-4	Flat Box Mounting Bracket 4-Box for 24" stud	25
KB-18 <small>NEW</small>	Kick Bracket 1-Box Position 18" height box center w/CS-CJ6	10
KFB-318	Kick Bracket 3-Positions with 18" height box center kick stand for 16" stud w/CS-CJ6	10
KFB-418	Kick Bracket 4-Positions with 18" height box center kick stand for 24" stud	10

ORBIT INDUSTRIES EXCLUSIVE

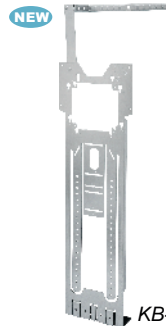
Compatible with 5" Sq. Boxes!



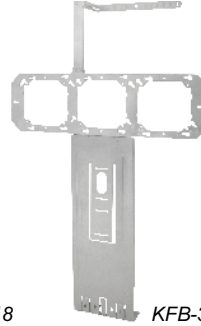
FB-3



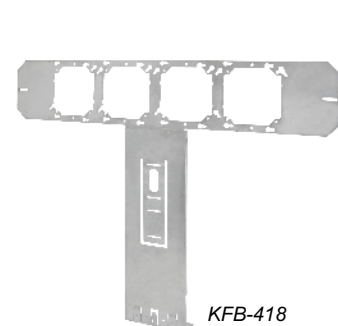
FB-4



KB-18

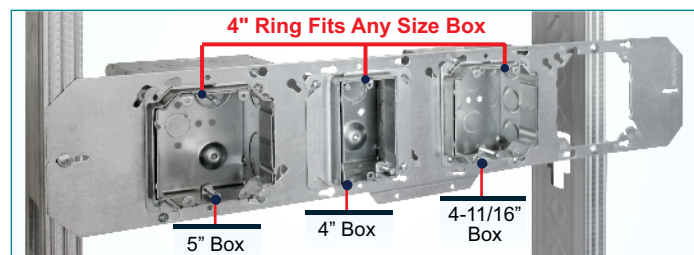
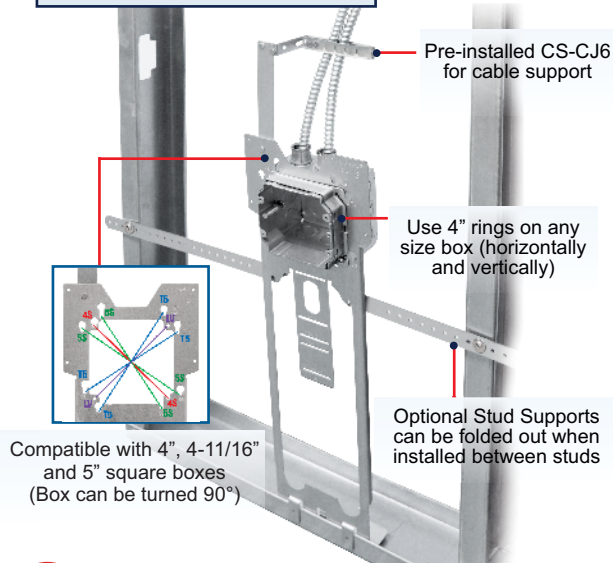


KFB-318



KFB-418

KB-18 SHOWN INSTALLED



The Flat Bracket can be positioned to accommodate irregular stud spacings. FB-4 shown installed on 19" Stud Bay.

FIXED MOUNTING BRACKET

PRODUCT FEATURES

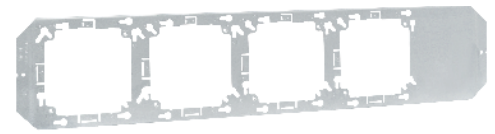
- ▶ Compatible with 4", 4-11/16" and 5" sq. boxes
- ▶ Unique key-hole patterns allow boxes to be turned 90°
- ▶ Compatible w/ Standard & Adj. Rings mounted vertically or horizontally
- ▶ Use 4" rings on any size box. Can be mounted on their own for low voltage applications using 8/32 screws
- ▶ Bendable box latch tabs temporarily hold 4" or 4-11/16" sq. boxes in place without needing to tighten box screws until final ring or cover installation
- ▶ Low profile design limits drywall bulging

Cat. No.	Description	Std. Pkg.
FMB-16	Fixed Position Box Mounting Bracket for 3 Boxes on 16" Studs	25
FMB-24	Fixed Position Box Mounting Bracket for 4 Boxes on 24" Studs	25

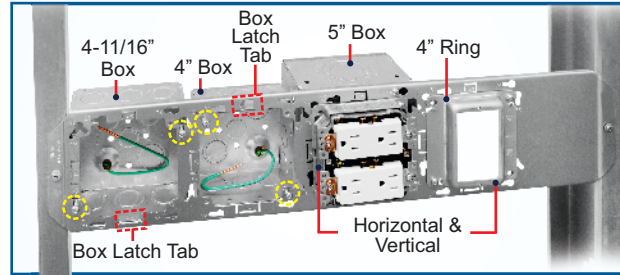
Compatible with 5" Sq. Boxes!



FMB-16

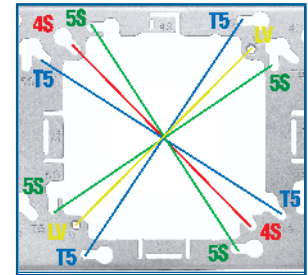


FMB-24



FMB INSTALLED ON STUDS

Mount up to 3 boxes between 16" studs with FMB-16 and 4 boxes between 24" with FMB-24



MOUNTING HOLES

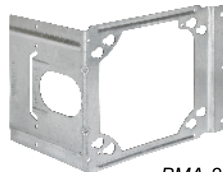
Compatible with 4", 4-11/16" and 5" square boxes (Box can be turned 90°)

BOX MOUNTING ADAPTERS

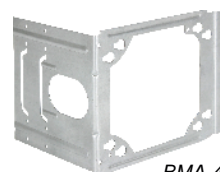
PRODUCT FEATURES

- ▶ Mounts to 4" and 4-11/16" square boxes
- ▶ Adjustable Back Support helps maintain rigidity when installed
- ▶ Low profile design limits drywall bulging
- ▶ For use with metal or wood studs
- ▶ 4" Ring can be mounted without box for low voltage applications with #8-32 screws

Cat. No.	Description	Std. Pkg.
BMA-23	Box Mounting Adapter with up to 3-1/2" Far Side Support	25
BMA-4	Box Mounting Adapter with up to 4" Far Side Support	25
FS-456-EXT	Far-side Support Extender for up to 6" Studs, Compatible with BMA-23 & BMA-4, tool-less	50



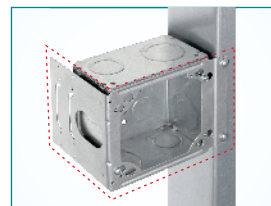
BMA-23



BMA-4

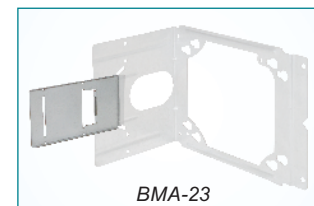


FS-456-EXT



DIRECT-TO-STUD

BMA mounts boxes direct-to-stud



BMA-23

Fold FS-456-EXT onto BMA's for up to 6" far-side support

STEEL BACK SUPPORTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.
ABS	Far-Side Box Support for 1-1/2" & 2-1/8" deep boxes, for use with 4" metal studs	50
ABS-6	Far-Side Box Support for 1-1/2" & 2-1/8" deep boxes, for use with 6" metal studs	50



ABS



ABS-6



F26 | Box & Conduit Support

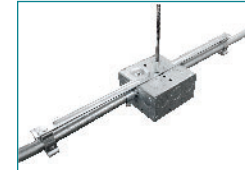


STEEL BOX/CONDUIT HANGERS

PRODUCT FEATURES

- ▶ Pre-Galvanized Steel Hanger
- ▶ Spring Steel Clamps
- ▶ Supports overhead boxes and conduit from threaded rod
- ▶ Eliminates need for offset conduit bending

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Hole Size	Screw Size	Std. Pkg.
F6MB18A	-	3/8"	14/2 to 12/3	1/4", Plain	-	25
F812MB18A	1/2", 3/4"	-	-	1/4", Plain	-	25
F812MB18S	1/2", 3/4"	-	-	-	1/4"-20 X 9/16"	25
F16MB18A	1"	-	-	1/4", Plain	-	25

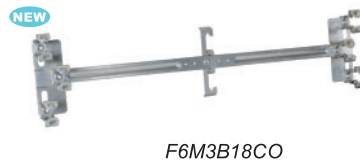


STEEL BOX/MULTI-CONDUIT TO WIRE/ROD HANGER

PRODUCT FEATURES

- ▶ Pre-Galvanized Steel Hanger & Bracket
- ▶ Spring Steel Wire/Rod Clip
- ▶ Spring Steel Clamps supports up to six (6) conduit/cable runs from both sides of the box
- ▶ Provides support for both sides of horizontal electrical box or conduit
- ▶ Greatly reduces material costs for drop wire or rods vs. traditional methods
- ▶ Eliminates need for offset conduit bending

Cat. No.	FMC Size	MC/AC Size	Rod Size	Wire Size	Std. Pkg.
F6M3B18CO NEW	3/8"	14/2 to 12/3	1/4"	#12-#8	25



F6M3B18CO INSTALLED

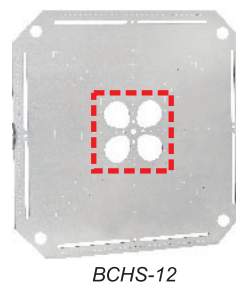
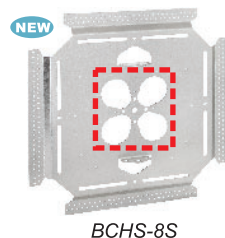
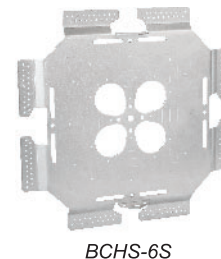
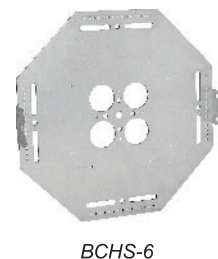
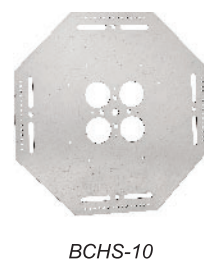
Supports up to 6 conduit/cable runs.
Compatible with 4", 4-11/16" and 5" boxes. Entire assembly supported by one threaded rod or drop wire.

BOX AND CONDUIT HANGER SUPPORT PLATES

PRODUCT FEATURES

- ▶ Support suspended boxes and multiple conduit installations with one piece of all-thread as opposed to multiple pieces of rod
- ▶ Pin holes and slots allow for use of conduit straps
- ▶ Stamped markings provide guidelines for box placement. Boxes can be placed in any location on plate.
- ▶ Pre-Galvanized 15 Gauge Steel Self-reinforcing as more conduit is added
- ▶ Easy to preassemble to save time and material
- ▶ **BCHS-6S** & **BCHS-8S** contains offset for use of one-hole straps in place of traditional pipe hangers
- ▶ **BCHS-12** pairs well with Orbit Exclusive 12124-50 & 12124-850
- ▶ Installation images found on pg. P20

Cat. No.	Description	Std. Pkg.
BCHS-10	Fits up to 6" x 6" Box or multiple smaller boxes for horizontal mounting	25
BCHS-6	Fits up to 6" x 6" Box or multiple smaller boxes for horizontal mounting and provides bent tabs for vertical mounting	10
BCHS-6S	Fits up to 8" x 8" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCHS-8S NEW	Fits up to 8" x 8" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCHS-12	Fits up to 12" x 12" Box or multiple smaller boxes for horizontal mounting, bent tabs for vertical mounting	5



Updated Design with Larger Openings to pair with boxes with larger back K.O.'s such as 5" sq. boxes or 12124-50 & 12124-850!

PATENTED

ORBIT INDUSTRIES EXCLUSIVE



Video Available On Our Website!

Use One Rod to Mount Multiple Boxes and Conduits

www.orbitelectric.com

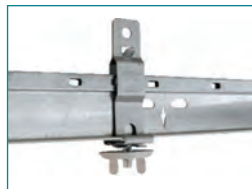


SPRING STEEL
INDEPENDENT SUPPORT CLIP

PRODUCT FEATURES

- ▶ Wing-Nut included
- ▶ Independent support of fixtures
- ▶ No tools required to install

Cat. No.	T-Grid Size	Screw Size	Static Load (lbs.)	Std. Pkg.
ISC	15/16"	1/4"-20 X 9/16"	65	100



SPRING STEEL
TWIST CLIP WITH WING NUT

PRODUCT FEATURES

- ▶ Wing-Nut included
- ▶ Supports electrical fixtures from acoustical T-grid
- ▶ No tools required to install

Cat. No.	T-Grid Size	Screw Size	Static Load (lbs.)	Std. Pkg.
F4G16	15/16"	1/4"-20 X 9/16"	50	100



SPRING STEEL
TWIST CLIP WITH PLAIN HOLE

PRODUCT FEATURES

- ▶ Supports wire, S-hooks or chain from T-Grid
- ▶ No tools required to install

Cat. No.	T-Grid Size	Hole Size	Static Load (lbs.)	Std. Pkg.
F4G16H	15/16"	1/4", Plain	40	100



Electrical Fasteners



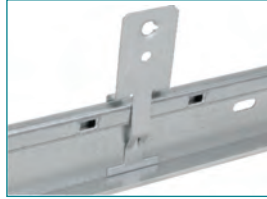


SPRING STEEL
T-GRID CLIP SIDE MOUNT

PRODUCT FEATURES

- ▶ Supports box vertically above acoustical T-bar
- ▶ No tools required to install

Cat. No.	Hole Size	Std. Pkg.
FATS4I	1/4", Threaded	100



SPRING STEEL
CONDUIT TO T-GRID CLIPS
TOP MOUNT, SNAP CLOSE

PRODUCT FEATURES

- ▶ Supports conduit above acoustical T-bar
- ▶ No tools required to install

Cat. No.	EMT/Rigid Size	FMC Size	MC/AC Size	Std. Pkg.
F6MATA	-	3/8"	14/2" to 12/3"	100
F812MATA	1/2", 3/4"	-	-	100



SPRING STEEL
CONDUIT TO T-GRID CLIP
SIDE MOUNT, PUSH IN

PRODUCT FEATURES

- ▶ Supports conduit above acoustical T-bar
- ▶ No tools required to install

Cat. No.	EMT Size	Std. Pkg.
F8PATS	1/2"	100



STEEL HEAVY DUTY T-GRID BOX HANGERS

PRODUCT FEATURES

- ▶ Pre-galvanized steel hanger
- ▶ Includes spring steel box mounting clip
- ▶ No tools required to install
- ▶ Accommodates multiple junction boxes
- ▶ Mounts flush with face of tile
- ▶ 50 lbs. static load rating

Cat. No.	Include Components	Length	Box Depth	Std. Pkg.
BHT-1HD <small>NEW</small>	Mounting Clip	24"	1-1/2" 2-1/8"	25
BHT-1HDEEP <small>NEW</small>	Mounting Clip, 1 1/2" Extension Bracket	24"	1-1/2" 2-1/8" 3-5/8"	25



STEEL T-BAR BOX HANGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For T-Bar

Cat. No.	Description	Std. Pkg.
BHT-1	24" T-Bar bracket for use with boxes 1-1/2" or 2-1/8" Deep	50
BHT-1A	24" T-Bar bracket - 8" height adjustable	50
BHT-C	Additional Box Clip & Screw set for use with BHT-1 & BHT-1A	100



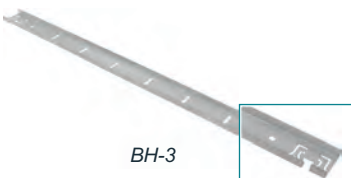
BHT-1 INSTALLATION VIEW

STEEL T-BAR BRACKET

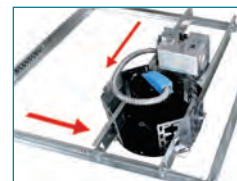
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For T-Bar

Cat. No.	Description	Std. Pkg.
BH-3	Straight Bracket for architectural recessed lights 25-1/4" long with notches 24" apart for use on T-Bar	50



Secure to T-bar using bending tabs to comply with NEC 315.23(d)



BH-3 INSTALLATION VIEW



F30 | T-Grid Bar Hangers



SIMPLE SUPPORT BRACKET WITH T-BAR CLIPS

PRODUCT FEATURES

- ▶ Adjusts from 15" to 25"
- ▶ Includes two riveted clips for T-bar drop ceiling installation
- ▶ 6-way adjustability when used with UMAB or UMIAB-35 adjustable boxes
- ▶ Expand without removing adapters or junction boxes (ideal for prefabrication)
- ▶ Designated holes approved for branch line restraints

NOTE

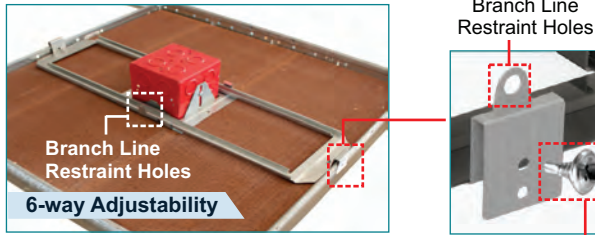
Must be accompanied with either UMA or UMA-LVBS to mount a junction box. UMAB's/UMIAB's also snap on.

Cat. No.	Description	Std. Pkg.
SSB-TBAR	SSB-T5 with T-Bar Drop Ceiling Mounting Clips	20



SSB-TBAR

Includes clips for between T-bar drop ceiling grids



FIRE ALARM ON T-BAR

FA-TBAR-UMAB Installed in Drop Ceiling Grid

Tek screw provisions on each clip comply with NEC 314.23 (D) (1)

SSB-TBAR ASSEMBLIES

PRODUCT FEATURES

- ▶ Choose 4" Square, 3-1/2" Deep Box – or 4" (40), 2-1/8" Deep Box
- ▶ Built-in Adapter allows box adjustment from Flush to 1-1/2" via guided slots (ships with box set at 5/8" raised)
- ▶ Two (2) outside-facing screws lock box at desired depth
- ▶ Designated holes approved for branch line restraints
- ▶ Ships preassembled to reduce installation time

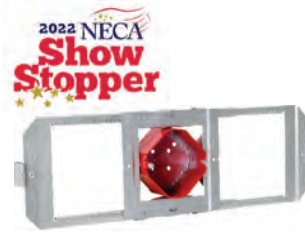
Cat. No.	Description	Std. Pkg.
FA-TBAR-UMAB	Preassembled SSB-TBAR with FA-UMAB	10
FA-TBAR-4R	Preassembled SSB-TBAR with FA-UMAB-4R	20
SSBT-4R	Preassembled SSB-TBAR with UMAB-4R	20

PATENTED

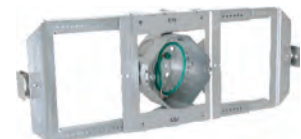
ORBIT INDUSTRIES EXCLUSIVE



FA-TBAR-UMAB



FA-TBAR-4R



SSBT-4R

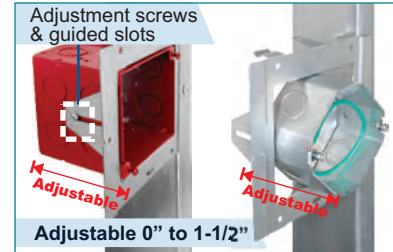
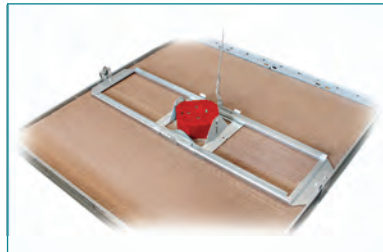


Video Available On Our Website!



SSBT-4R & FA-TBAR-4R ON T-BAR

Shown Installed in Drop Ceiling w/ Branch Line Restraint



ADJUSTABLE BOX

Guided slots on each side allow the box to be easily adjusted by simply loosening the screws

STEEL
ADJUSTABLE BOX
HANGERS FOR
CEILING JOISTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For Fixture/Luminaire Support of 50 lbs or less at 16" Span

Cat. No.	Description	Std. Pkg.
BHA-1	Adjustable Bar Hanger with Stud for joist spacing 16" to 24" with #3/8-18 NPS Threaded Stud	50
BHA-1C	Adjustable Bar Hanger with Stud for joist spacing 16" to 24" with Box Clip	50



See pg. A3-4 for pre-assembled 40 boxes with Adjustable Box Hangers!

STEEL
FIXED BAR HANGERS FOR
CEILING JOISTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For stud

Cat. No.	Description	Std. Pkg.
BH-1	24" Straight Bar Hanger for mounting ceiling boxes, Slotted, Includes 2 Stove Bolt / Unit	50





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F32 | Beam & Purlin



SPRING STEEL HAMMER ON FLANGE CLIPS BOTTOM MOUNT

PRODUCT FEATURES

- ▶ Supports boxes, fixtures or other attachments from beam flanges
- ▶ Requires only a hammer to install



Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)			Std. Pkg.
			Bottom Hole	Side Hole	Strap	
FM24	1/8" to 1/4"	1/4", Threaded	100	25	75	100
FM58	5/16" to 1/2"	1/4", Threaded	100	25	75	100
FM912	9/16" to 3/4"	1/4", Threaded	100	25	75	100

SPRING STEEL HAMMER ON FLANGE CLIPS BOTTOM MOUNT WITH STUD

PRODUCT FEATURES

- ▶ Supports boxes, fixtures or other attachments from beam flanges
- ▶ Requires only a hammer to install



Cat. No.	Flange Thickness	Hole Size	Screw Size	Static Load (lbs.)			Std. Pkg.
				Bottom Hole	Side Hole	Strap	
FM24S	1/8" to 1/4"	1/4", Threaded	1/4" X 3/8"	100	25	75	100
FM58S	5/16" to 1/2"	1/4", Threaded	1/4" X 3/8"	100	25	75	100
FM912S	9/16" to 3/4"	1/4", Threaded	1/4" X 3/8"	100	25	75	100

SPRING STEEL HAMMER ON FLANGE CLIPS SIDE MOUNT

PRODUCT FEATURES

- ▶ Provides attachment for wire, S-hooks, chain to flanges
- ▶ Fits most beams
- ▶ Requires only a hammer to install



Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
F2H4	3/32" to 9/64"	1/4", Plain	160	100
F4H24	1/8" to 1/4"	1/4", Plain	200	100
F4H58	5/16" to 1/2"	1/4", Plain	200	100
F4H912	9/16" to 3/4"	1/4", Plain	200	100

SPRING STEEL ROD TO FLANGE CLIPS

PRODUCT FEATURES

- ▶ Provides attachment for threaded rod to flanges
- ▶ Can swivel to provide a vertical dropdown
- ▶ Requires only a hammer to install



Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
F4TI24	1/18" to 1/4"	1/4", Threaded	200	100
F4TI58	5/16" to 1/2"	1/4", Threaded	200	100
F4TI912	9/16" to 3/4"	1/4", Threaded	200	100

SPRING STEEL ROD TO FLANGE ANGLE CLIPS

PRODUCT FEATURES

- ▶ Suspends plain rod from beam flanges
- ▶ Can swivel to provide a vertical dropdown
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
F6A24	1/18" to 1/4"	3/8", Plain	200	100
F6A912	9/16" to 3/4"	3/8", Plain	200	100



SPRING STEEL BEAM CLAMP

PRODUCT FEATURES

- ▶ Supports threaded rod, electrical boxes and conduit
- ▶ Supports #10-24 and 1/4"-20 threaded bridle rings
- ▶ Easy installation from beam flanges

Cat. No.	Flange Thickness	Hole Size	Rod Size	Static Load (lbs.)	Std. Pkg.
BCSS	1/2" MAX	7/16", Plain	1/4", 3/8"	100	100



STEEL BEAM CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BC-25	1/4"-20 Tap, 3/4" Jaw, 100 lb. Load	50	250
BC-38	3/8"-16 Tap, 7/8" Jaw, 200 lb. Load	25	100



MALLEABLE IRON BEAM CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BCM-25	1/4"-20 Tap, 3/4" Jaw, 125 lb. Load	50	250
BCM-38	3/8"-16 Tap, 7/8" Jaw, 300 lb. Load	25	100
BCM-50	1/2"-13 Tap, 1" Jaw, 600 lb. Load	10	50



F34 | Beam & Purlin



SPRING STEEL MULTI-FUNCTION CLIPS

PRODUCT FEATURES

- ▶ Provides attachment of conduit and boxes
- ▶ Supports #10-24 and 1/4"-20 threaded bridge rings

Cat. No.	Flange Thickness	Rod/Wire Size	Hole Size	Screw Size	Static Load (lbs.)		Std. Pkg.
					Flange	Drop Rod/Wire	
F4Z34	1/8" to 3/8"	1/4" Rod #12 to #8 Wire	#10-24, Threaded 1/4"-20, Threaded 1/4", Plain	-	25	20	100
F4Z4S	1/8" to 3/8"	1/4" Rod #12 to #8 Wire	-	1/4"-20	25	20	100
F6Z34	3/8" to 7/16"	3/8" Rod	#10-24, Threaded 1/4"-20, Threaded 1/4", Plain	-	25	20	100
F6Z4S	3/8" to 7/16"	3/8" Rod	-	1/4"-20	25	20	100



SPRING STEEL VERTICAL PURLIN CLIP

PRODUCT FEATURES

- ▶ Fits vertical purlins and bar joist
- ▶ Provides attachment for wire, S-hooks, chain to flanges
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
FVF14	1/16" to 1/4"	1/4", Plain	160	100



SPRING STEEL ANGLE PURLIN CLIP

PRODUCT FEATURES

- ▶ Compensates angle of purlin
- ▶ Provides attachment for wire, S-hooks, chain to flanges
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
FAF14	1/16" to 1/4"	1/4", Plain	100	100



SPRING STEEL ROD TO ANGLE PURLIN CLIPS

PRODUCT FEATURES

- ▶ Compensates angle of purlin
- ▶ Provides attachment for threaded rod to purlins
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
FAF146TI	1/16" to 1/4"	1/4", Threaded	100	100
FAF144TI	1/16" to 1/4"	3/8", Threaded	100	100
FAF146T	1/16" to 1/4"	3/8", Plain	100	100



SPRING STEEL ANGLE PURLIN CLIP SIDE MOUNT

PRODUCT FEATURES

- Compensates angle of purlin
- Requires only a hammer to install

Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
F122	3/32" MAX	1/4", Plain	100	100



SPRING STEEL ROD TO ANGLE PURLIN CLIP SIDE MOUNT

PRODUCT FEATURES

- Provides attachment for threaded rod to purlins
- Requires only a hammer to install

Cat. No.	Flange Thickness	Hole Size	Static Load (lbs.)	Std. Pkg.
F1226TI	3/32" MAX	3/8", Threaded	100	100



STEEL STRAP HANGER FOR ANGLE PURLIN PARALLEL

PRODUCT FEATURES

- Spring Steel Clip
- Pre-galvanized Steel Hanger
- Compensates angle of purlin
- Suspends straps parallel to purlins
- Requires only a hammer to install

Cat. No.	Flange Thickness	Strap Width	Static Load (lbs.)	Std. Pkg.
FMSS122	3/32" MAX	1-1/4" MAX	100	50



STEEL STRAP HANGER FOR ANGLE PURLIN RIGHT ANGLE

PRODUCT FEATURES

- Spring Steel Clip
- Pre-galvanized Steel Hanger
- Compensates angle of purlin
- Suspends straps at right angles to purlins
- Requires only a hammer to install

Cat. No.	Flange Thickness	Strap Width	Static Load (lbs.)	Std. Pkg.
FMSR122	3/32" MAX	1-1/4" MAX	100	50





STEEL STRAP HANGERS FOR FLANGE PARALLEL

PRODUCT FEATURES

- ▶ Spring Steel Clip
- ▶ Pre-galvanized Steel Hanger
- ▶ Suspends straps at right angle to beams
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	Strap Width	Static Load (lbs.)	Std. Pkg.
FMSS24	1/18" to 1/4"	1-1/4" MAX	200	50
FMSS58	5/16" to 1/2"	1-1/4" MAX	200	50
FMSS912	9/16" to 3/4"	1-1/4" MAX	200	50



STEEL STRAP HANGER FOR FLANGE RIGHT ANGLE

PRODUCT FEATURES

- ▶ Spring Steel Clip
- ▶ Pre-galvanized Steel Hanger
- ▶ Suspends straps parallel to beams
- ▶ Requires only a hammer to install

Cat. No.	Flange Thickness	Strap Width	Static Load (lbs.)	Std. Pkg.
FMSR58	5/16" to 1/2"	1-1/4" MAX	200	50



SPRING STEEL MULTI PURPOSE CLIP FOR BRIDLE RINGS

PRODUCT FEATURES

- ▶ Requires only a hammer to install
- ▶ Supports threaded bridle rings, unthreaded bridle rings or drive rings from flange

Cat. No.	Flange Thickness	Thread Size	Std. Pkg.
MPC	1/8" to 1/2"	#10-24, 1/4"-20	100



STEEL BRIDLE RINGS

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ Supports low voltage communication cables from beams, rods or purlins combined with other Orbit fasteners

Cat. No.	Diameter	Tread Size	Screw Type	Std. Pkg.
F2BRT12	3/4"	#10-24	Metal	100
F2BRT20	1-1/4"	#10-24	Metal	100
F2BRT32	2"	#10-24	Metal	100
F4BRT20	1-1/4"	1/4"-20	Metal	100
F4BRT32	2"	1/4"-20	Metal	100
F4BRT32WS	2"	1/4"-10	Wood	100
F4BRT64	4"	1/4"-20	Metal	50



STEEL J-HOOKS

PRODUCT FEATURES

- ▶ Pre-galvanized Steel
- ▶ Cost effective alternative to expensive cable tray
- ▶ Galvanized finish on J-Hooks provides smoother cable pull and greater corrosion resistance
- ▶ Supports fiber optic, innerduct and low voltage cable

Cat. No.	Diameter	Std. Pkg.
FCAT12	3/4"	50
FCAT21	1-5/16"	50
FCAT32	2"	50
FCAT64	4"	25



STEEL J-HOOKS WITH ROD/WIRE CLIP

PRODUCT FEATURES

- ▶ Pre-galvanized Steel J-hook with spring steel clip
- ▶ Threaded rod attachment with attached J-Hook
- ▶ Support low voltage cables

Cat. No.	Diameter	Flange Thickness	Rod Size	Wire Size	Std. Pkg.
FCAT124Z34	3/4"	1/8" to 3/8"	1/4"	#12 - #8	40
FCAT126Z34	3/4"	3/8" to 7/16"	3/8"	-	60





LOW VOLTAGE STUD MOUNTING BRACKETS

PRODUCT FEATURES

- ▶ 1/2" raise
- ▶ Mounts vertically or horizontally
- ▶ Attaches to wooden or metal studs with the use of self-tapping screws or nails
- ▶ Can install onto the front or side of wood or metal studs
- ▶ Compatible with Simple Support Bracket (SSB-T5, pg. P1) and Ultimate Support Bracket (USB, pg. P11) for between stud applications

Cat. No.	Description	Std. Pkg.
LVSB1	Low Voltage Stud Mounting Bracket 1-Gang	50
LVSB2	Low Voltage Stud Mounting Bracket 2-Gang	25



LVSB1



LVSB2



MOUNTS DIRECT-TO-STUD



SHOWN INSTALLED BETWEEN STUDS ON SSB-T5 BRACKET

LOW VOLTAGE STUD MOUNTING BRACKETS

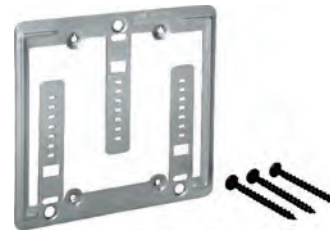
PRODUCT FEATURES

- ▶ For Old Work applications
- ▶ Fits 1/2" to 1-1/4" drywall thickness
- ▶ Can also be used in plaster or tile openings
- ▶ Eliminates need to use electrical box for low voltage Class 2 wiring
- ▶ Requires only a drywall saw and screwdriver to install

Cat. No.	Description	Std. Pkg.
LVWP1	1-Gang Low Voltage Wall Mounting Plate	50
LVWP2	2-Gang Low Voltage Wall Mounting Plate	25



LVWP1



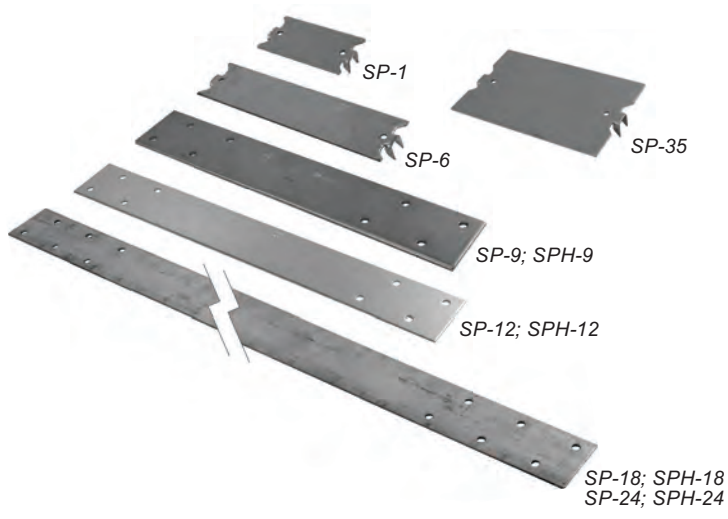
LVWP2

NAIL SAFETY PLATES

PRODUCT FEATURES

- Provides protection from nail and screw penetration

Cat. No.	Features	Dimensions (W x L)	Thickness	Std. Pkg.
SP-1	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 2.75"	16 GA	100
SP-1-500	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 2.75"	16 GA	500
SP-35	With 2 Mounting Prongs & 1 Nail Hole each end	3" x 5"	16 GA	100
SP-6	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 6"	16 GA	100
SP-9	With 4 Nail Holes each end	1.5" x 9"	16 GA	50
SP-12	With 4 Nail Holes each end	1.5" x 12"	16 GA	50
SP-18	With 6 Nail Holes each end	1.5" x 18"	16 GA <td 50	
SP-24	With 6 Nail Holes each end	1.5" x 24"	16 GA	50
*SPH-9	Heavy-Duty, With 4 Nail Holes each end	1.5" x 9"	12 GA	50
SPH-12	Heavy-Duty, With 4 Nail Holes each end	1.5" x 12"	12 GA	50
SPH-18	Heavy-Duty, With 6 Nail Holes each end	1.5" x 18"	12 GA	50
*SPH-24	Heavy-Duty, With 6 Nail Holes each end	1.5" x 24"	12 GA	50

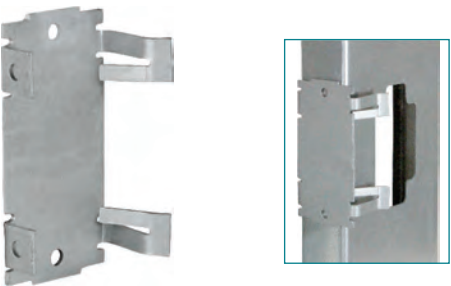


SPRING STEEL SNAP ON SAFETY PLATES

PRODUCT FEATURES

- Protects electrical and mechanical installation through studs
- For wood and metal studs
- No tools required to install
- Breakable tabs permit multiple plates to be ganged together
- Complies with NEC Article 300-4, CEC Rule 12-516 and 12-616
- Holes on legs and surface of plate are provided to secure with nail or screw

Cat. No.	Size	Std. Pkg.
SOSP	3-1/8" X 1-1/2"	100





STEEL ANGLE BRACKETS

PRODUCT FEATURES

- ▶ Pre-Galvanized
- ▶ Provides attachment for wire, threaded rod, S-hooks or chain from concrete or wood

Cat. No.	Side Hole	Bottom Hole	Static Load (lbs.)	Std. Pkg.
AB4	1/4", Plain	1/4", Plain	160	100
AB6	1/4", Plain	3/8", Plain	160	100



SPRING STEEL THREADED INSTALL ROD HANGERS

PRODUCT FEATURES

- ▶ Supports wire or rod from block or concrete walls

Cat. No.	Side Hole	Bottom Hole	Static Load (lbs.)	Std. Pkg.
F4TI	1/4", Plain	1/4", Threaded	160	100
F6TI	1/4", Plain	3/8", Threaded	160	100
F6T	1/4", Plain	3/8", Plain	160	100



F6TI



F6T



STEEL THREADED INSTALL ROD HANGERS WITH ANGLE BRACKET

PRODUCT FEATURES

- ▶ Spring Steel Hanger
- ▶ Pre-Galvanized Steel Bracket
- ▶ Suspends threaded rod from horizontal structures such as laminated wood or concrete beams, joists, ceilings and walls

Cat. No.	Side Hole	Bottom Hole	Static Load (lbs.)	Std. Pkg.
F4TIB	1/4", Plain	1/4", Threaded	160	100
F6TIB	1/4", Plain	3/8", Threaded	160	100



SPRING STEEL PIPE SLEEVE POSITIONER

PRODUCT FEATURES

- ▶ Positions pipe sleeves and keeps stable during concrete pours
- ▶ Requires only a hammer to install

Cat. No.	Pipe Size	Sleeve Diameter	Wall Thickness	Std. Pkg.
HOSP	Schedule 40	2" to 6"	5/16" MAX	100

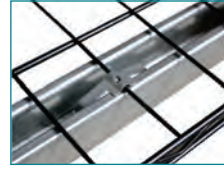


SPRING STEEL WIRE BASKET TRAY CLIP

PRODUCT FEATURES

- ▶ Attaches wire basket tray to strut
- ▶ No tools required to install

Cat. No.	Wire Size	Std. Pkg.
CCT	3/16" to 5/16"	100



STEEL REGULAR SPRING NUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SNR-1420	1/4" - 20	100	600
SNR-3816	3/8" - 16	100	600
SNR-1213	1/2" - 13	100	600



SNR-1420



SNR-3816



SNR-1213

STEEL HANGER SCREW WITH SINGLE HOLE

PRODUCT FEATURES

- ▶ Wood Screw Thread

Cat. No.	Description	Dimension	Std. Pkg.	Master Ctn.
H-SCREW	Flat Hanger Screw	1/4" x 3"	100	500



PORCELAIN WIRE HOLDERS

PRODUCT FEATURES

- ▶ Porcelain & Galvanized Steel
- ▶ Varies According to Sizes

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
PWH-L	With 2-1/4" Lag Bolt	2-3/4"	5	20
PWH-M	With Steel Clip for 1-1/4" to 3" Mast	1-1/4" to 3"	5	20



PWH-L



PWH-M





STEEL JACK CHAIN

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load
- ▶ In Steel Reel

Cat. No.	Trade Size	Std. Pkg.
JC-12	12GA	100



STEEL "S" HOOK

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SH-2	12GA, 1-1/4"	100	1000



BLACK ANNEALED STEEL TIE WIRE

PRODUCT FEATURES

- ▶ 16-1/2GA

Cat. No.	Description	Trade Size	Std. Pkg.
TW	Tie Wire	16GA, 400'	20



SERVICE ENTRANCE WEDGE GRIP CLAMPS

PRODUCT FEATURES

- ▶ Designed to make quick sag adjustments
- ▶ For use with ACSR, AAC, AAAC Service cables
- ▶ Aluminum Body
- ▶ Stainless Steel Solid Bail

Cat. No.	ACSR Wire Size	Std. Pkg.	Master Ctn.
SEWG-1	#6 - #2	10	50
SEWG-2	#4 - 1/0	5	25
SEWG-3	2/0 - 4/0	5	25



STEEL FIXTURE HANGERS

Cat. No.	For Use With	Mount Position	Std. Pkg.	Master Ctn.
FH-E	2, 3, or 4 Light Fixtures	End Mount	100	500
FH-S	2, 3, or 4 Light Fixtures	Side Mount	100	500



STEEL FAR-SIDE BOX BACK SUPPORTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Master Ctn.
ABS	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, For use with 4" Metal Studs	50
ABS-6	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, For use with 6" Metal Studs	50

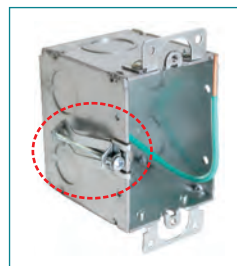


STEEL OLD WORK BOX CLIP

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Master Ctn.
OWG	Clips and locks old-work steel boxes tightly to wall. 2 required per box.	100



SHOWN INSTALLED

STEEL SWITCH BOX SUPPORT

PRODUCT FEATURES

- ▶ Bendable Tabs

Cat. No.	Description	Std. Pkg.
SBS	Switch Box Support with bendable tabs, 20GA	100



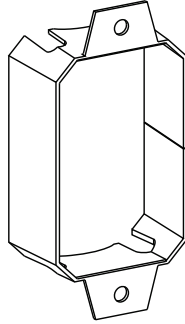


STEEL SWITCH BOX EXTENSION

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.
SB-EXT	Fits any 1-Gang Box, adjustable from 1/4" to 1" to shield combustible wall surfaces from wiring system, 3.5 Cu. In.	25



STEEL DEVICE LEVELER AND RETAINER

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.
DLR-1G	Device Leveler and Retainer, 1-Gang	50



PLASTIC UNIVERSAL METAL STUD GROMMET

PRODUCT FEATURES

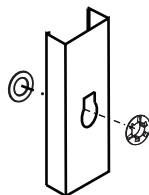
- ▶ High Strength, non-conductive polypropylene
- ▶ Universal design fits into a standard 1" Trade Size hole and all factory-punched stud holes
- ▶ Lightweight material eases installation



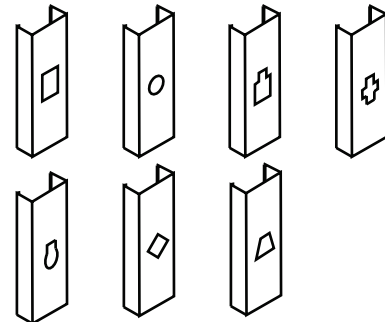
Cat. No.	Description	Std. Pkg.
PUSG	Universal Snap-in type bushings for Metal Stud, fit all factory punched metal stud holes	100

INSTALLATION INSTRUCTION:

- Step 1:** Separate the two halves
- Step 2:** Snap the bushing end and the washer end together through the hole
- Step 3:** Install cable through the grommet

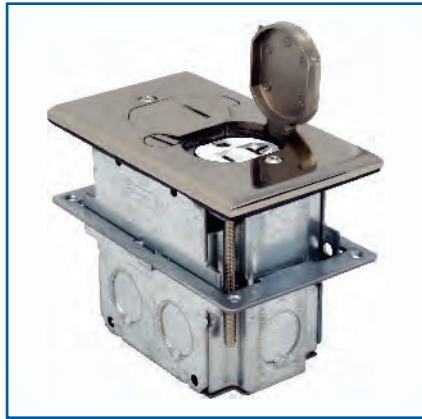


COMMON HOLE SHAPES IN METAL STUDS:



Orbit's extensive selection of wiring devices include floor boxes, sensors, receptacles, switches, wall plates and wall jacks. These high quality products are UL-Listed and come with all the parts necessary for a quick and efficient installation. Furthermore, our wiring devices feature state-of-the-art technology, ensuring that each product delivers a long-lasting and reliable performance while saving energy and improving safety.

Floor Boxes | Pg. G1~G13



A SOLUTION TO FIT ALL YOUR POWER NEEDS!

Ensuring a flush and easy installation in any floor type, Orbit's line of Floor Boxes form a diverse selection of durable products designed to meet all your needs. Choose from 1-Gang, 2-Gang, Pop-Up, PVC boxes and more!

USB Duplex Receptacles | Pg. G16, G24



CHARGE MULTIPLE DEVICES WITH EASE

Orbit's USB Chargers consist of a Duplex Tamper-Resistance Receptacle with two USB charger ports, retaining receptacle usage while still allowing for an adapter-free charge. Available in 15A and 20A models, each with an included wall plate.



1-GANG FLIP & ROUND PLUG TYPE **COVERS**

INCLUDES

- ▶ Cover
- ▶ Device Plate
- ▶ 20A Tamper-Resistant Receptacle
- ▶ Gasket & Screws
- ▶ Cover Dimensional Drawings found on pg. G9

Assembly Cat. No.	Cover Only Cat. No.	Type	Receptacle	Finish	Std. Pkg.
FLB-D-BR	FLB-D-C-BR	Flip	20A TR Duplex	Brass	10
FLB-D-SS	FLB-D-C-SS	Flip	20A TR Duplex	Stainless Steel	10
FLB-R1G-BR	FLB-R1G-C-BR	Round Plug	20A TR Duplex	Brass	10
FLB-R1G-SS	FLB-R1G-C-SS	Round Plug	20A TR Duplex	Stainless Steel	10



FLB-D-C-BR



FLB-D-C-SS



FLB-R1G-C-BR

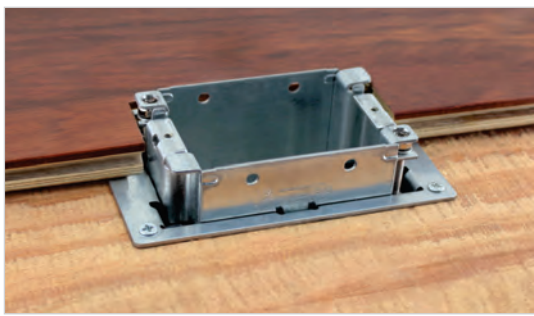


FLB-R1G-C-SS



Side Mount Installation (Fixed)

OR

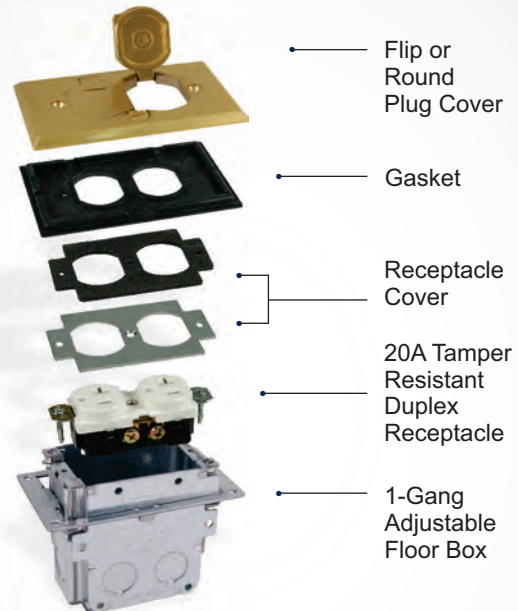


Adjustable from 0" - 2"

EXPLODED VIEW

Complete Assembly

Cover Only



ADJUSTABLE 1-GANG FLIP & ROUND PLUG TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Adjustable floor box ideal for both new and existing work
- ▶ Includes cover, device plate, receptacle, gaskets, screws and adjustable floor box
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)

PATENTED

See Page G32 for Keystone Jacks

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
1GAB	(6) - 1/2"	(2) - 1/2"	23.5

Adjustable Steel Floor Box Only (See Page G9 for Details)



FLB-D-BR



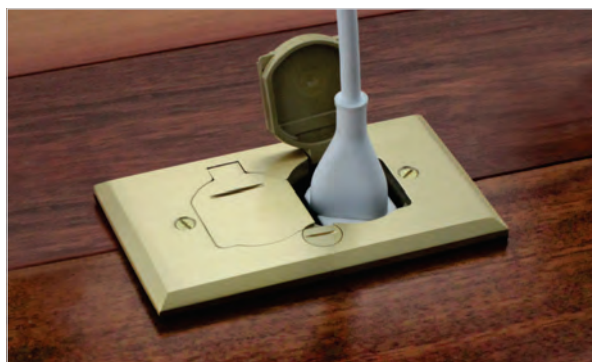
FLB-D-SS



FLB-R1G-BR



FLB-R1G-SS



FLB-D-BR Shown Installed
Brass Adjustable 1-Gang Flip Floor Box



FLB-R1G-SS Shown Installed
Stainless Steel Adjustable 1-Gang Round Plug Floor Box



2-GANG FLIP & ROUND PLUG TYPE **COVERS**

INCLUDES

- ▶ Cover
- ▶ Device Plate
- ▶ 20A Tamper-Resistant Receptacle
- ▶ Gasket & Screws
- ▶ Cover Dimensional Drawings found on pg. G10

Assembly Cat. No.	Cover Only Cat. No.	Type	Receptacle	Finish	Std. Pkg.
FLB-DD-BR	FLB-DD-C-BR	Flip	(2) 20A TR Duplex	Brass	10
FLB-DD-SS	FLB-DD-C-SS	Flip	(2) 20A TR Duplex	Stainless Steel	10
FLB-R2G-DD-BR	FLB-R2G-DD-C-BR	Round Plug	(2) 20A TR Duplex	Brass	10
FLB-R2G-DD-SS	FLB-R2G-DD-C-SS	Round Plug	(2) 20A TR Duplex	Stainless Steel	10
FLB-R2G-DL-BR	FLB-R2G-DL-C-BR	Round Plug	20A TR Duplex + Keystone Jack Holder	Brass	10
FLB-R2G-DL-SS	FLB-R2G-DL-C-SS	Round Plug	20A TR Duplex + Keystone Jack Holder	Stainless Steel	10
FLB-DL-BR	FLB-DL-C-BR	Flip	20A TR Duplex + Keystone Jack Holder	Brass	10
FLB-DL-SS	FLB-DL-C-SS	Flip	20A TR Duplex + Keystone Jack Holder	Stainless Steel	10



FLB-DD-C-BR



FLB-DD-C-SS



FLB-R2G-DD-C-BR



FLB-R2G-DD-C-SS



FLB-R2G-DL-C-BR



FLB-R2G-DL-C-SS

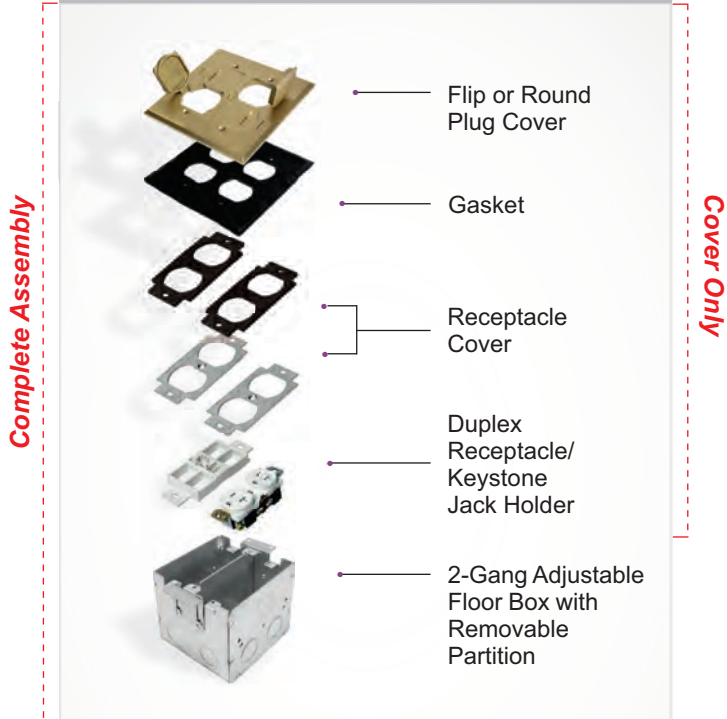


FLB-DL-C-BR



FLB-DL-C-SS

EXPLODED VIEW



FLB-R2G-DD-BR Shown Installed
Adjustable 0" - 1"

ADJUSTABLE 2-GANG FLIP & ROUND PLUG TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Steel floor boxes must be installed flush with finished floor prior to final installation
- ▶ Includes cover, receptacle, screws, gasket, device plates and 2-Gang Floor Box with removable partition
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)

See Page G32 for Keystone Jacks

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
FLB-4SEDB-2G	(2) - 1/2", (2) - 3/4" & (4) CKO	(2) - 1/2" & (2) - 3/4"	46.0

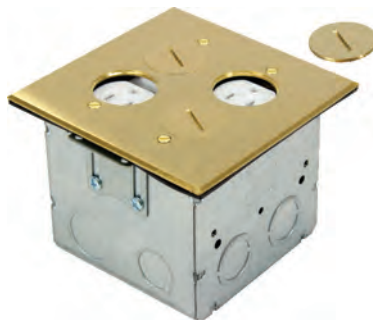
Steel Floor Box Only (See Page G10 for Details)



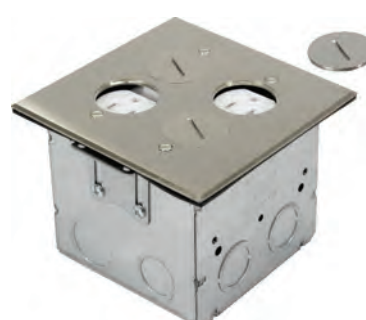
FLB-DD-BR*



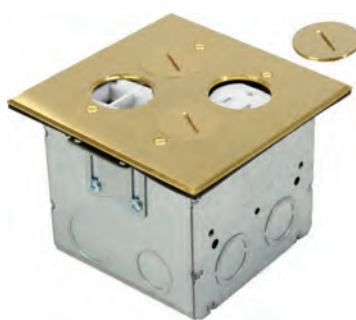
FLB-DD-SS*



FLB-R2G-DD-BR*



FLB-R2G-DD-SS*



FLB-R2G-DL-BR*



FLB-R2G-DL-SS*



FLB-DL-BR*



FLB-DL-SS*



1-GANG POP-UP TYPE COVERS

INCLUDES

- ▶ Cover
- ▶ 20A tamper-resistant receptacle
- ▶ Gasket
- ▶ Screws
- ▶ Cover Dimensional Drawings found on pg. G11

AVAILABLE OPTIONS: PFLB-R-C

- ▶ PVC Floor Box for Concrete Slab See pg. G12



PFLB-R-C

- 3 Low Voltage ports included

Assembly Cat. No.	Cover Only Cat. No.	Shape	Receptacle	Finish	Std. Pkg.
FLBPU-D-S-BR	FLBPU-D-S-C-BR	Square	20A TR Duplex	Brass	10
FLBPU-D-S-SS	FLBPU-D-S-C-SS	Square	20A TR Duplex	Stainless Steel	10
FLBPU-D-R-BR	FLBPU-D-R-C-BR	Round	20A TR Duplex	Brass	10
FLBPU-D-R-SS	FLBPU-D-R-C-SS	Round	20A TR Duplex	Stainless Steel	10
• FLBPU-L-R-BR	• FLBPU-L-R-C-BR	Round	Low-Voltage (CAT5E)	Brass	10
• FLBPU-L-R-SS	• FLBPU-L-R-C-SS	Round	Low-Voltage (CAT5E)	Stainless Steel	10
• FLBPU-L-S-BR	• FLBPU-L-S-C-BR	Square	Low-Voltage (CAT5E)	Brass	10
• FLBPU-L-S-SS	• FLBPU-L-S-C-SS	Square	Low-Voltage (CAT5E)	Stainless Steel	10
FLBPU-G-R-BR	FLBPU-G-R-C-BR	Round	20A TR Cooper GFCI	Brass	10
FLBPU-G-R-SS	FLBPU-G-R-C-SS	Round	20A TR Cooper GFCI	Stainless Steel	10
FLBPU-DU-R-BR	FLBPU-DU-R-C-BR	Round	20A TR Duplex + (2) USB Ports	Brass	10
FLBPU-DU-R-SS	FLBPU-DU-R-C-SS	Round	20A TR Duplex + (2) USB Ports	Stainless Steel	10



FLBPU-D-S-C-BR



FLBPU-D-S-C-SS



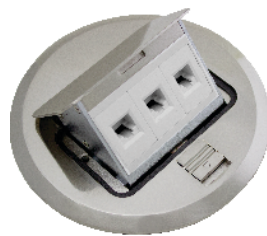
FLBPU-D-R-C-BR



FLBPU-D-R-C-SS



• FLBPU-L-R-C-BR



• FLBPU-L-R-C-SS



• FLBPU-L-S-C-BR



• FLBPU-L-S-C-SS



FLBPU-G-R-C-BR



FLBPU-G-R-C-SS



FLBPU-DU-R-C-BR



FLBPU-DU-R-C-SS

1-GANG POP-UP TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Steel floor boxes must be installed flush with finished floor prior to final installation
- ▶ Includes cover, receptacle, screws, and 1-Gang Floor Box
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information seen Section W)

- 3 Low Voltage ports included

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
FLB-4SEDB	(2) - 1/2", (2) - 3/4" & (4) CKO	(2) - 1/2" & (2) - 3/4"	46.0

Steel Floor Box Only (See Page G11 for Details)



FLBPU-D-S-BR



FLBPU-D-S-SS



FLBPU-D-R-BR



FLBPU-D-R-SS



• FLBPU-L-R-BR



• FLBPU-L-R-SS



• FLBPU-L-S-BR



• FLBPU-L-S-SS



FLBPU-G-R-BR



FLBPU-G-R-SS



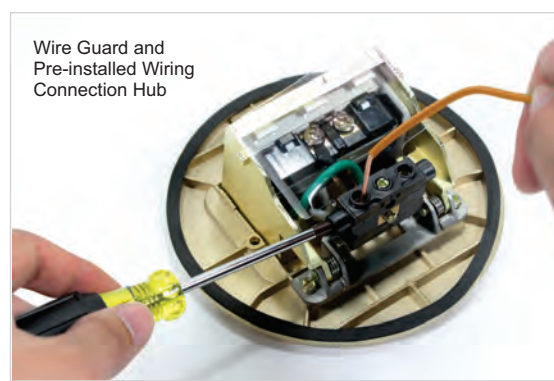
FLBPU-DU-R-BR



FLBPU-DU-R-SS



FLBPU-G-R-SS Shown Installed
1-Gang Pop-Up Type with GFCI



Wire Guard and
Pre-installed Wiring
Connection Hub

Easy Install
Labor Saving Quick Connection for
Duplex Receptacle Models



2-GANG POP-UP TYPE COVERS

INCLUDES

- ▶ Cover
 - ▶ 20A tamper-resistant receptacle
 - ▶ Screws
 - ▶ Cover Dimensional Drawings found on pg. G13
- 3 Low Voltage ports included

Assembly Cat. No.	Cover Only Cat. No.	Receptacle	Finish	Std. Pkg.
FLBPU-DD-BR	FLBPU-DD-C-BR	(2) 20A TR Duplex	Brass	10
FLBPU-DD-SS	FLBPU-DD-C-SS	(2) 20A TR Duplex	Stainless Steel	10
• FLBPU-LL-BR	• FLBPU-LL-C-BR	(2) Low-Voltage (CAT5E)	Brass	10
• FLBPU-LL-SS	• FLBPU-LL-C-SS	(2) Low-Voltage (CAT5E)	Stainless Steel	10
• FLBPU-DL-BR	• FLBPU-DL-C-BR	20A TR Duplex + Low-Voltage (CAT5E)	Brass	10
• FLBPU-DL-SS	• FLBPU-DL-C-SS	20A TR Duplex + Low-Voltage (CAT5E)	Stainless Steel	10

**ORBIT INDUSTRIES
EXCLUSIVE**



FLBPU-DD-C-BR



FLBPU-DD-C-SS



• FLBPU-LL-C-BR



• FLBPU-LL-C-SS



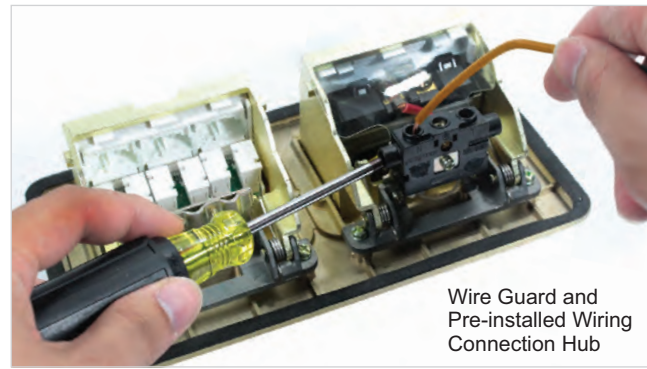
• FLBPU-DL-C-BR



• FLBPU-DL-C-SS



FLBPU-DL-BR Shown Installed
Brass 2-Gang Pop-Up Floor Box



Wire Guard and
Pre-installed Wiring
Connection Hub

Easy Install
Labor Saving Quick Connection for Duplex Receptacles

2-GANG POP-UP TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Steel floor boxes must be installed flush with finished floor prior to final installation
- ▶ Steel floor box includes partition for combination of Duplex Receptacle & Low Voltage Only
- ▶ Includes cover, receptacle, screws and 2-Gang Floor Box
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)

- 3 Low Voltage ports included

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
FLB-48DB	(6) - 1/2" & 3/4" CKO, (6) - 3/4" & 1" CKO	(6) - 1/2" & (3) - 3/4"	86.0

Steel Floor Box Only (See Page G13 for Details)



FLBPU-DD-BR



FLBPU-DD-SS



• FLBPU-LL-BR



• FLBPU-LL-SS



• FLBPU-DL-BR



• FLBPU-DL-SS



Pop-up Cover retracts when not in use



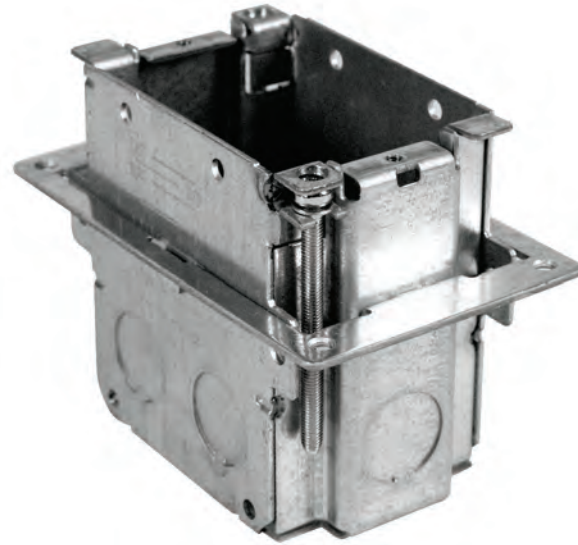
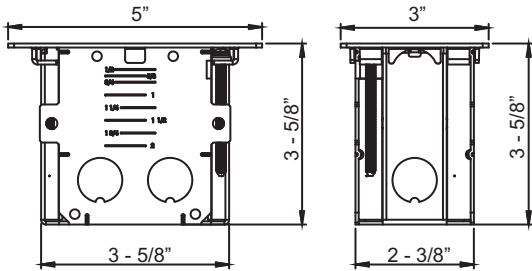
ADJUSTABLE 1-GANG FLOOR BOX

Cat. No.	Side K.O.'S	Bottom K.O.'S	Cu. In.	Std. Pkg
1GAB	(6) - 1/2"	(2) - 1/2"	23.5	10

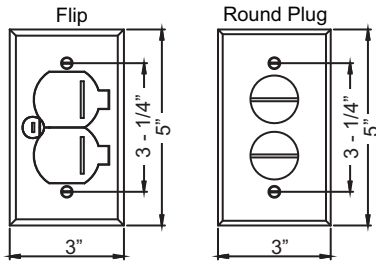
PRODUCT FEATURES

- ▶ Adjustable from 0" - 2"
- ▶ Can be Side Mounted
- ▶ For Concrete/Floor application, see Section W (314.28 (B))

PATENTED

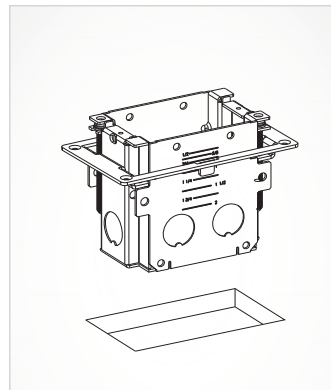


1-Gang Adjustable Box

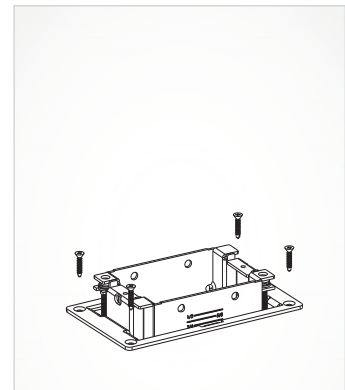


1-Gang Cover

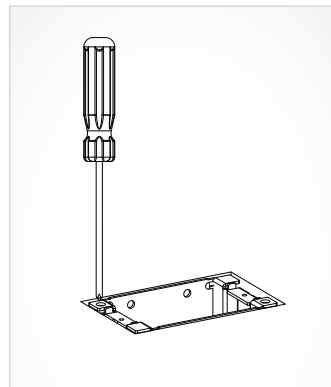
INSTALLATION



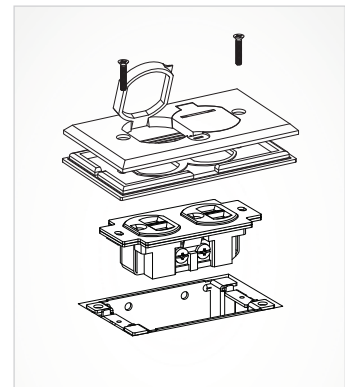
Step 1: Cut hole in sub-floor or finished floor.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Adjust floor box flush with finished floor.



Step 4: Wire receptacle assembly and install cover and gasket using provided screws.

COMPATIBLE COVERS: Page G1



FLB-D-C-BR



FLB-R1G-C-SS



FLB-D-C-SS



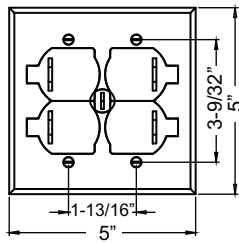
FLB-R1G-C-BR

ADJUSTABLE 2-GANG FLOOR BOX

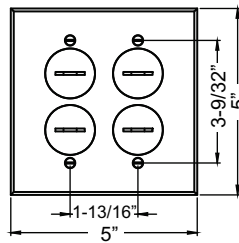
PRODUCT FEATURES

- ▶ Adjustable from 0" - 1"
- ▶ Recessed device mounting tabs allow for cover to be flush with box
- ▶ Removable partition included
- ▶ For Concrete/Floor application, see Section W (314.28 (B))

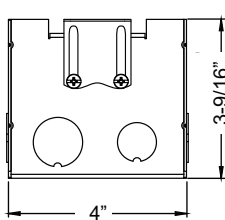
Cat. No.	Side K.O.'S	Bottom K.O.'S	Cu. In.	Std. Pkg.
FLB-4SEDB-2G	(2) - 1/2", (2) - 3/4" & (4) 1/2" & 3/4" CKO	(2) - 1/2" & (2) - 3/4"	46.0	10



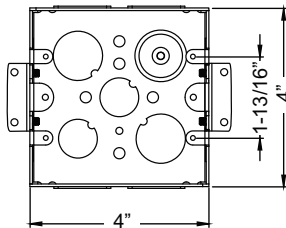
Flip



Round Plug



2-Gang Adjustable Box



INSTALLATION

COMPATIBLE COVERS: Page G3



FLB-R2G-DL-C-BR



FLB-R2G-DL-C-SS



FLB-R2G-DD-C-BR



FLB-R2G-DD-C-SS



FLB-DL-C-BR



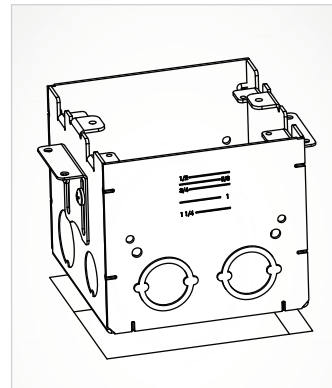
FLB-DL-C-SS



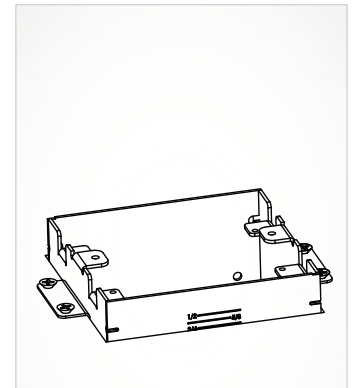
FLB-DD-C-BR



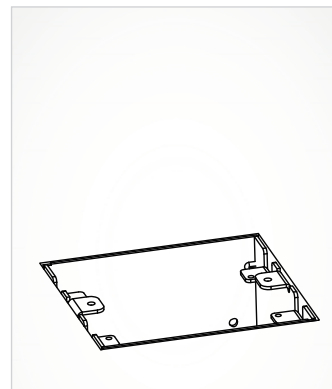
FLB-DD-C-SS



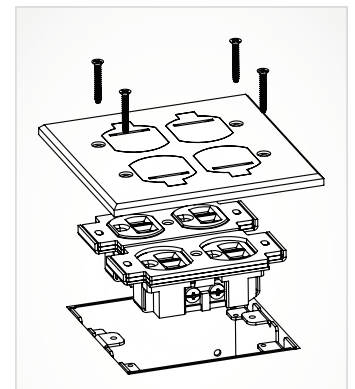
Step 1: Cut hole in sub-floor. Adjust floor box to finished floor height.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Install finished floor.



Step 4: Wire receptacle assembly and install cover and gasket using provided screws.

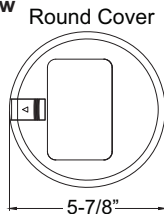
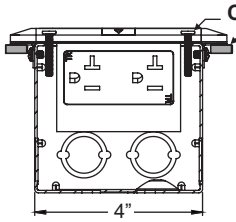
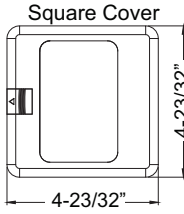
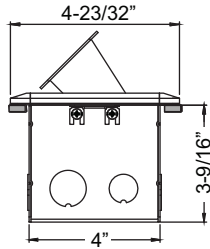


1-GANG POP-UP FLOOR BOX

PRODUCT FEATURES

- ▶ Fits all 1-Gang Pop-Up Covers
- ▶ Steel floor box must be installed flush with finished floor prior to final installation
- ▶ For Concrete/Floor application, see Section W (314.28 (B))

Cat. No.	Side K.O.'S	Bottom K.O.'S	Cu. In.	Std. Pkg.
FLB-4SEDB	(2) - 1/2", (2) - 3/4" & (4) 1/2" & 3/4" CKO	(2) - 1/2" & (2) - 3/4"	46.0	10



1-Gang Floor Box

INSTALLATION

COMPATIBLE COVERS: Page G5



FLBPU-D-S-C-BR



FLBPU-D-S-C-SS



FLBPU-L-S-C-BR



FLBPU-L-S-C-SS



FLBPU-D-R-C-BR



FLBPU-D-R-C-SS



FLBPU-L-R-C-BR



FLBPU-L-R-C-SS



FLBPU-G-R-C-BR



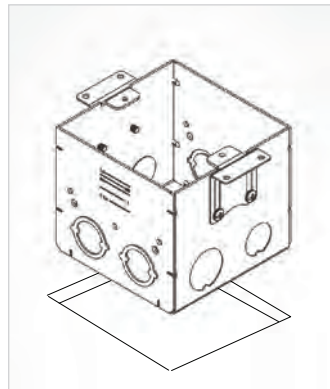
FLBPU-G-R-C-SS



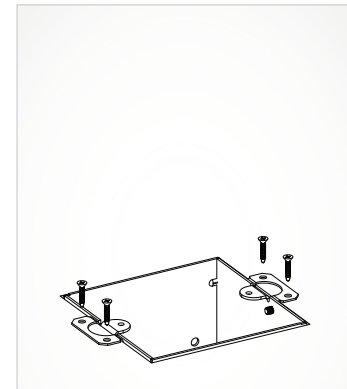
FLBPU-DU-R-C-BR



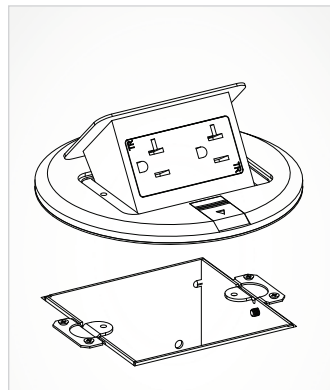
FLBPU-DU-R-C-SS



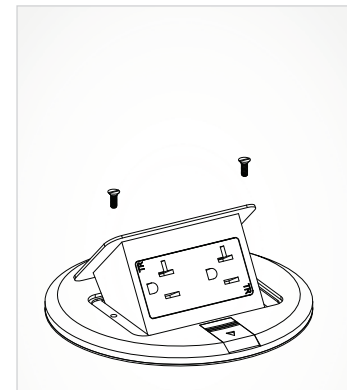
Step 1: Cut hole in finished floor.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Wire receptacle.



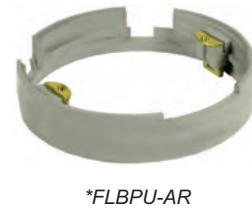
Step 4: Install cover using screws provided.

PVC FLOOR BOX

PRODUCT FEATURES

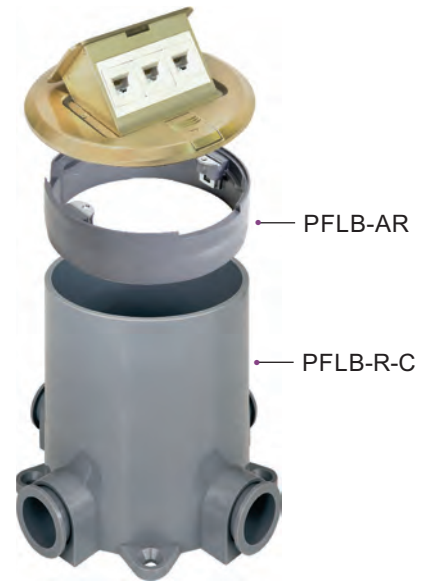
- ▶ PVC for Concrete Slab Installations
- ▶ Minimum Depth 3.75"
- ▶ PFLB-R-C includes cap and plugs
- ▶ Adapter ring, PFLB-AR, (sold separately) allows for installation of 1-Gang Round Pop-Up Floor Box Covers

Cat. No.	Sides Openings	Description	Use With	Cu. In.	Std. Pkg.
PFLB-R-C <small>NEW</small>	(4) - 1" x 3/4"	Round PVC Floor Box for concrete slab installations	PFLB-AR	90	10
PFLB-AR <small>NEW</small>	-	PVC Adapter Ring for Round Floor Box Pop-up Covers (Sold Separately)	PFLB-R-C	-	10
*FLBPU-AR	-	PVC Adapter Ring for Round Floor Box Pop-up Covers (Sold Separately)	E971FB (Carlton)	-	10

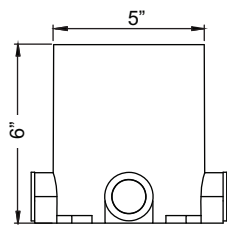


FLOOR BOX COMPATIBILITY TABLE

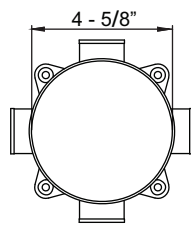
See Page G5 for Details on Orbit's Full Line of Pop-Up Floor Boxes



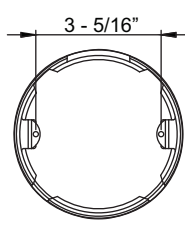
EXPLODED VIEW OF ASSEMBLY
(Sold Separately)



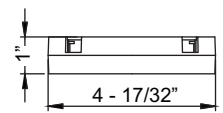
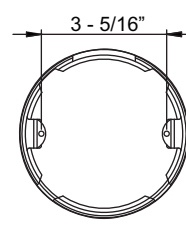
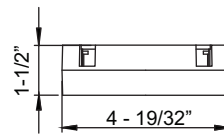
PFLB-R-C



PFLB-AR



***FLBPU-AR**



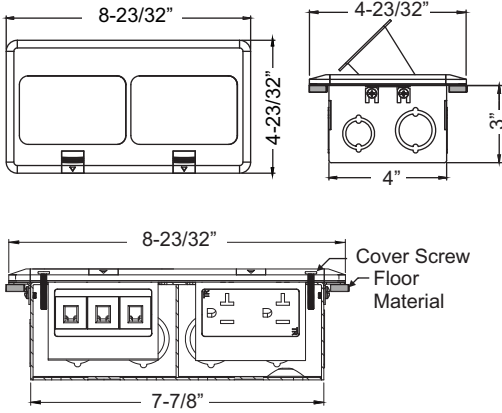


2-GANG POP-UP FLOOR BOX

Cat. No.	Side K.O.'S	Bottom K.O.'S	Cu. In.	Std. Pkg.
FLB-48DB	(6) - 1/2" & 3/4" CKO, (6) - 3/4" & 1" CKO	(6) - 1/2" & (3) - 3/4"	86.0	10

PRODUCT FEATURES

- ▶ Able to install to concrete when using wood concrete forms
- ▶ For Concrete/Floor application, see Section W (314.28 (B))



COMPATIBLE COVERS: Page G7

- Compatible only with 2 Gang Floor Box Partition



FLBPU-DD-C-BR



FLBPU-DD-C-SS



FLBPU-LL-C-BR



FLBPU-LL-C-SS

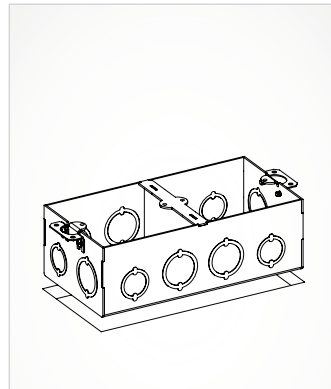


• FLBPU-DL-C-BR

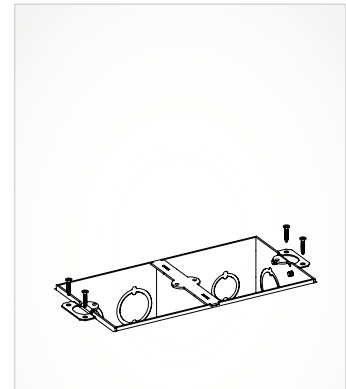


• FLBPU-DL-C-SS

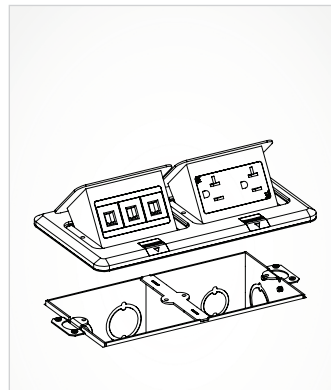
INSTALLATION



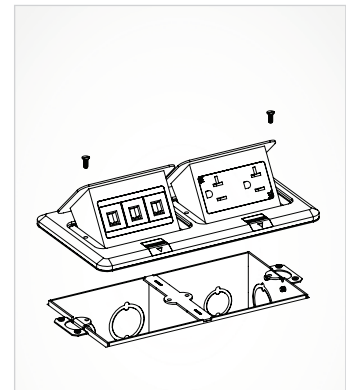
Step 1: Cut hole in finished floor.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Wire receptacle assembly.



Step 4: Install cover using screws provided.

VACANCY SENSORS

PRODUCT FEATURES

- ▶ Manual ON
- ▶ Automatic OFF after time delay expires and manual OFF option
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Adjustable sensitivity settings
- ▶ Passive Infrared Technology
- ▶ 2 year warranty
- ▶ Standard decorative wall plate included
- ▶ Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**

NOTES

- ▶ Neutral Wire Required
- ▶ **Vacancy Sensors should be initially left ON for 4-5 minutes for first time to function properly**

TITLE 24 COMPLIANT 

OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ 5 year warranty
- ▶ Standard decorative wall plate included
- ▶ Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**

OSD-S-W ONLY

- ▶ Choice of Manual-ON or Auto-ON operation
- ▶ Occupancy Mode: Turn lights ON/OFF automatically
- ▶ Vacancy Mode: Manual ON/OFF automatically

NOTE

- ▶ Neutral wire required

TITLE 24 COMPLIANT 

OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Built-in VAC selection side button switch
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Self Adaptive feature automatically adjusts time delay based on occupants behavior patterns
- ▶ 5 year warranty
- ▶ Standard decorative wall plate included
- ▶ Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**

NOTE

- ▶ No neutral wire required
- ▶ Ground wire connection required

TITLE 24 COMPLIANT 



*While Supplies Last

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
*T24VSD-S	Passive Infrared Vacancy Sensor, 180°, 650 Sq. Ft. Coverage RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC Motor: 1/4HP @ 120VAC	T24VSD-S-W	T24VSD-S-I	T24VSD-S-A	10



Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
OSD-S	Passive Infrared Occupancy Sensor, 180°, 650 Sq. Ft. Coverage RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC Motor: 1/4HP @ 120VAC	OSD-S-W	*OSD-S-I	*OSD-S-A	10



Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
*OSD-S-2W	Passive Infrared Occupancy Sensor, 180°, 1200 Sq. Ft. Coverage RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC 1600VA @ 277VAC Motor: 1/4HP @ 120VAC	*OSD-S-2W-W	*OSD-S-2W-I	-	10



NOTE: Occupancy Sensors should be initially left ON for 4-5 minutes for first time to function properly.

G15 | Occupancy Sensors



OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Adjustable sensitivity settings
- ▶ 2 year warranty
- ▶ Standard decorative wall plate included
- ▶ For **MAGNETIC BALLAST** only

NOTE

- ▶ Neutral wire required

TITLE 24
COMPLIANT 

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
*OS-P	Passive Infrared Occupancy Sensor, 150°, 450 Sq. Ft. Coverage RATING: Incandescent: 500W @120VAC Fluorescent: 500VA @120VAC Motor: 1/8HP@ 120VAC	OS-P-W	OS-P-I	-	10



Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
*OS-S	Passive Infrared Occupancy Sensor, 150°, 450 Sq. Ft. Coverage RATING: Incandescent: 500W @120VAC Fluorescent: 500VA @120VAC Motor: 1/8HP@ 120VAC	OS-S-W	OS-S-I	-	10



OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ Use as regular switch with manual ON/OFF setting
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Adjustable sensitivity settings
- ▶ 2 year warranty
- ▶ Standard decorative wall plate included
- ▶ For **MAGNETIC BALLAST** only

NOTE

- ▶ Neutral wire required

NOTE: Occupancy Sensors should be initially left ON for 4-5 minutes for first time to function properly.

DECORATIVE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Dual USB Ports with 5VDC
- ▶ Charge devices without the need for an adapter
- ▶ Back and side wiring options for easy installation
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)
- ▶ Wall Plate included

Cat. No.	Description	Std. Master Pkg. Carton	
		Pkg.	Carton
*DRU15-TR-2A	15A Duplex Receptacle with 2 USB Chargers 5VDC, 2.1A, Tamper Resistant	1	60
*DRU20-TR	20A Duplex Receptacle with 2 USB Chargers 5VDC, 4.0A, Tamper Resistant	1	60



5-15R
DRU15-TR



5-20R
DRU20-TR

RESIDENTIAL GRADE

DECORATIVE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #14 to #10AWG Side Wire or #14AWG Push-In Back Wire (DR15) #14 to #12AWG Back Wire (DR20)
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper resistant receptacles (for more information see Section W)

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
DR15	15A Decorative Receptacle	DR15-SW	DR15-SI	-	*DR15-SA	10	200
DR15-TR	15A Decorative Receptacle, Tamper Resistant	DR15-TR-SW	DR15-TR-SI	DR15-TR-SBK	*DR15-TR-SA	10	200
DR20	20A Decorative Receptacle	DR20-SW	DR20-SI	*DR20-SBK	*DR20-SA	10	200



5-15R
DR15



DR15-TR
Tamper Resistant



5-20R
DR20

COMMERCIAL GRADE

DECORATIVE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side Wire
- ▶ With Combination Head Screws

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
CDR15-TR	15A Decorative Receptacle, Tamper Resistant	CDR15-TR-SW	*CDR15-TR-SI	10	200
CDR20-TR	20A Decorative Receptacle, Tamper Resistant	CDR20-TR-SW	-	10	200



5-15R
CDR15-TR
Tamper Resistant



5-20R
CDR20-TR
Tamper Resistant



*While Supplies Last



G17 | Single Receptacles

COMMERCIAL GRADE

SINGLE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC or 250 VAC
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ Up to #10AWG Side Wire
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)

For use with:

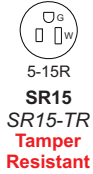
Wallplates	
LEXAN	Stainless Steel
OP7	OS7

For complete wallplate section, see pg. G25 to G31

Industrial Covers	
4S Box	5S Box
4403	5503

For complete industrial cover section, see pg. A13 & A20

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
SR15	15A, 125V Single Receptacle	SR15-W	*SR15-I	10	200
SR15-TR	15A, 125V Single Receptacle, Tamper Resistant	*SR15-TR-W	*SR15-TR-I	10	200
SR20	20A, 125V Single Receptacle	SR20-W	SR20-I	10	200
SR20-TR	20A, 125V Single Receptacle, Tamper Resistant	SR20-TR-W	*SR20-TR-I	10	200
SR15-250	15A, 250V Single Receptacle	SR15-250-W	*SR15-250-I	10	200
SR20-250	20A, 250V Single Receptacle	SR20-250-W	SR20-250-I	10	200



INDUSTRIAL GRADE

SINGLE RECEPTACLES

PRODUCT FEATURES

- ▶ 125~250 VAC
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #10 to #4 AWG Back Terminals

For use with:

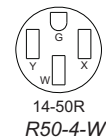
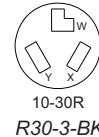
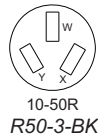
Wallplate	
Stainless Steel	
OS703	

For complete wallplate section, see pg. G25 to G31

Industrial Covers	
4S Box	5S Box
4407	5507

For complete industrial cover section, see pg. A13 & A20

Cat. No.	Description	Color (Cat. No. - Color Code)		Dia.	Std. Pkg.	Master Carton
		Black	White			
R50-3	50A, 3-Pole, 3-Wire Range Receptacle , NEMA 10-50R	R50-3	-	2.11"	10	40
R30-3	30A, 3-Pole, 3-Wire Dryer Receptacle , NEMA 10-30R	R30-3	-	2.11"	10	40
R50-4	50A, 3-Pole, 4-Wire Range Receptacle , NEMA 14-50R	R50-4	R50-4-W	2.11"	10	40
R30-4	30A, 3-Pole, 4-Wire Dryer Receptacle , NEMA 14-30R	R30-4	R30-4-W	2.11"	10	40



RESIDENTIAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #14 to #10AWG Side Wire or #14AWG Push-In Back Wire (R15)
- ▶ #14 to #12AWG Back Wire (R20)
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
R15	15A Duplex Receptacle	R15-SW	R15-SI	10	200
R15-TR	15A Duplex Receptacle, Tamper Resistant	R15-TR-SW	R15-TR-SI	10	200
R20	20A Duplex Receptacle	R20-SW	R20-SI	10	200
R20-TR	20A Duplex Receptacle, Tamper Resistant	R20-TR-SW	*R20-TR-SI	10	200



5-15R
R15



Tamper Resistant
R15-TR



5-20R
R20



Tamper Resistant
R20-TR

COMMERCIAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side Wire
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information see Section W)

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
CR15	15A Duplex Receptacle	CR15-W	*CR15-I	10	200
CR15-TR	15A Duplex Receptacle, Tamper Resistant	CR15-TR-SW	*CR15-TR-SI	10	200
CR20	20A Duplex Receptacle	CR20-W	CR20-I	10	200
CR20-TR	20A Duplex Receptacle, Tamper Resistant	CR20-TR-SW	CR20-TR-SI	10	200



5-15R
CR15



Tamper Resistant
CR15-TR



5-20R
CR20



Tamper Resistant
CR20-TR

HOSPITAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Thermoplastic Shutter
- ▶ Tamper-Resistant Design
- ▶ Impact-Resistant Nylon Body
- ▶ One-piece Brass Alloy Grounding
- ▶ High Performance Copper Alloy Contacts
- ▶ Encapsulated ground contacts
- ▶ #14 to #10 AWG Side or Back Wiring
- ▶ 8-hole back wiring for feed thru wiring
- ▶ With Combination Head Screws

For use with:

Wallplates	
LEXAN	Stainless Steel
OP8	OS8
For complete wallplate section, see pg. G25 to G31	

Industrial Covers	
4S Box	5S Box
4402	5502
For complete industrial cover section, see pg. A13 & A20	

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		White	Ivory	Red		
HR15	15A Duplex Receptacle	HR15-W	*HR15-I	*HR15-R	10	200
HR20	20A Duplex Receptacle	HR20-W	*HR20-I	HR20-R	10	200



5-15R
HR15



5-20R
HR20



*While Supplies Last

G19 | Duplex Receptacles

INDUSTRIAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side or Back Wiring Options
- ▶ 8-hole back wiring for feed thru wiring
- ▶ With Combination Head Screws

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
*IR15	15A Duplex Receptacle	*IR15-W	*IR15-I	10	200
*IR20	20A Duplex Receptacle	*IR20-W	*IR20-I	10	200



INDUSTRIAL GRADE

DUPLEX RECEPTACLES WITH ISOLATED GROUND

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side or Back Wiring Options
- ▶ 8-hole back wiring for feed thru wiring
- ▶ With Combination Head Screws

NOTE

- ▶ Isolated Ground Receptacles (IGR) provide protection to critical equipment with an isolated ground path to a building's isolated ground system

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		Orange	White	Ivory		
IGR15	15A Duplex Receptacle	IGR15-O	*IGR15-W	IGR15-I	10	200
IGR20	20A Duplex Receptacle	IGR20-O	IGR20-W	IGR20-I	10	200



(Back View)

For use with:

Wallplates	
LEXAN	Stainless Steel
OP8	OS8

For complete wallplate section, see pg. G25 to G31

Industrial Covers	
4S Box	5S Box
4402	5502

For complete industrial cover section, see pg. A13 & A20

RESIDENTIAL GRADE

TOGGLE SWITCHES

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ #14 to #10 AWG Side Wire or #14 AWG Push-In Back Wire
- ▶ With Combination Head Screws
- ▶ Thermoplastic Toggle & Frame Construction
- ▶ Smooth Toggle Action

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		White	Ivory	Gray		
TS15	15A, 120V Single Pole	TS15-W	TS15-I	-	10	200
TS315	15A, 120V Three-Way	TS315-W	TS315-I	*TS315-G	10	200
TS415	15A, 120~277V Four-Way, Self-Grounding	*TS415-W	TS415-I	-	10	200



TS15



TS315



TS415

RESIDENTIAL GRADE

TOGGLE SWITCHES WITH PILOT LIGHT

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ #14 to #10 AWG Side Wire or #14 AWG Push-In Back Wire
- ▶ With Combination Head Screws
- ▶ Thermoplastic Toggle & Frame Construction
- ▶ Smooth Toggle Action

Cat. No.	Description	Std. Pkg.	Master Carton
TSL15-CL	15A, 120~277V Single Pole with Pilot Light, Clear	10	200
TSL315-CL	15A, 120V Three-Way with Pilot Light, Clear	10	200



TSL15-CL



TSL315-CL

COMMERCIAL GRADE

TOGGLE SWITCHES

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ #14 to #10 AWG Side Wire
- ▶ With Combination Head Screws
- ▶ Thermoplastic Toggle & Frame Construction
- ▶ Smooth Toggle Action

For use with:

Wallplates	
LEXAN	Stainless Steel
OP1	OS1

For complete wallplate section, see pg. G25 to G31

Industrial Covers	
4S Box	5S Box
4401	5501

For complete industrial cover section, see pg. A13 & A20

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
TS20	20A Single Pole	TS20-W	TS20-I	10	200



TS20-W



TS20-I



*While Supplies Last

G21 | Combination Stacked Devices



RESIDENTIAL GRADE

DECORATIVE SWITCHES

PRODUCT FEATURES

- ▶ 120~277 VAC
- ▶ Rocker-Type
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #14 to #10 AWG Side Wire or #14 AWG Push-In Back Wire
- ▶ With Combination Head Screws

ILLUMINATED SWITCHES FEATURE

- ▶ Light glows through the top portion of the switch when in the off position

NOTE

- ▶ No neutral wire required

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
DS15	15A Single-Pole	DS15-W	DS15-I	*DS15-BK	*DS15-A	10	200
DS315	15A Three-Way	DS315-W	DS315-I	*DS315-BK	*DS315-A	10	200
DS415	15A Four-Way with Pigtail	DS415-W	*DS415-I	*DS415-BK	*DS415-A	10	200
DSL15	15A Single-Pole, Illuminated	DSL15-W	DSL15-I	-	-	10	200
DSL315	15A Three-Way, Illuminated	*DSL315-W	*DSL315-I	-	-	10	200



RESIDENTIAL GRADE

DECORATIVE SWITCHES

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ Rocker-type
- ▶ Impact-Resistant Thermoplastic Body
- ▶ With Combination Head Screws

For use with:

Wallplates	
LEXAN	Stainless Steel
OP26, OPS26(Snap-on)	OS26
For complete wallplate section, see pg. G24 to G31	

Industrial Covers	
4S Box	5S Box
4404	5504
For complete industrial cover section, see pg. A13 & A20	

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
2DS15	Double Rocker Switch, 15A, 120~277V Single-Pole Side Wire only	2DS15-W	2DS15-I	*2DS15-BK	*2DS15-A	10	200
3DS15	Triple Rocker Switch, 15A, 120~277V Screw Terminal #12-#14 AWG	3DS15-W	-	*3DS15-BK	*3DS15-A	10	200
DRDS15	Rocker Switch, 15A, 120V Receptacle	*DRDS15-W	*DRDS15-I	*DRDS15-BK	*DRDS15-A	10	200



COMMERCIAL GRADE

STACK DEVICES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Impact-Resistant Thermoplastic Body
- ▶ With integral ground contacts locked into back, body, & face to prevent strap separation
- ▶ Up to #10AWG Side Wire
- ▶ With Combination Head Screws

For use with:

Wallplates	
LEXAN	Stainless Steel
OP8	OS8
For complete wallplate section, see pg. G25 to G31	

Industrial Covers	
4S Box	5S Box
4402	5502
For complete industrial cover section, see pg. A13 & A20	

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
2TS15	Two 15A Single Pole Toggle Switches	2TS15-W	2TS15-I	10	200
RTS15	15A Single Pole Toggle Switch & 15A Receptacle	RTS15-W	RTS15-I	10	200
PLTS15	15A Single Pole Toggle Switch & Neon Pilot Light	*PLTS15-W	*PLTS15-I	10	200



Wiring Devices

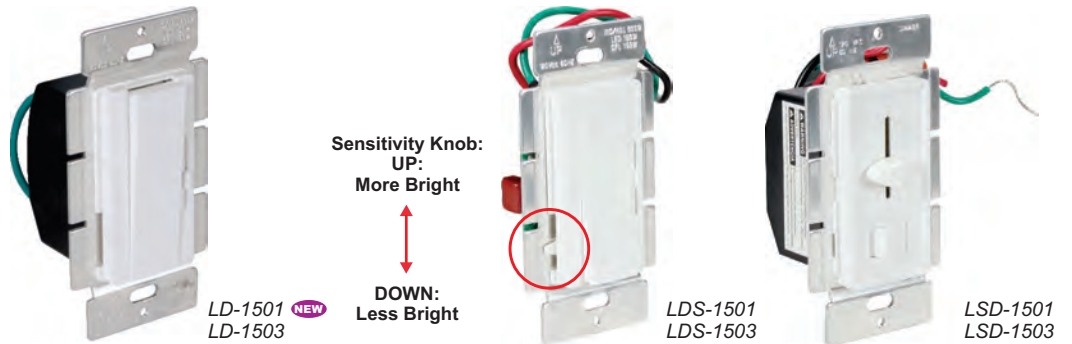
COMMERCIAL GRADE

LED DIMMERS

PRODUCT FEATURES

- ▶ 120 VAC 60Hz
- ▶ 150W Dimmable LED/CFL
- ▶ 600W Incandescent
- ▶ Ambient operating Temp.: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity
- ▶ Tough impact-resistant thermoplastic housing
- ▶ Full-range dimming
- ▶ Smooth-action slide control for easy precise operation
- ▶ White Finish

Cat. No.	Description	Std. Pkg.
LD-1501 <small>NEW</small>	LED Decorative Dimmer, Single-Pole	10
LD-1503	LED Decorative Dimmer, Single-Pole/3-Way	10
*LDS-1501	LED Decorative Dimmer, Single-Pole, with sensitivity knob for brightness control	10
*LDS-1503	LED Decorative Dimmer, Single-Pole/3-Way, with sensitivity knob for brightness control	10
LSD-1501	LED Slide Dimmer, Single-Pole	10
LSD-1503	LED Slide Dimmer, Single-Pole/3-Way	10



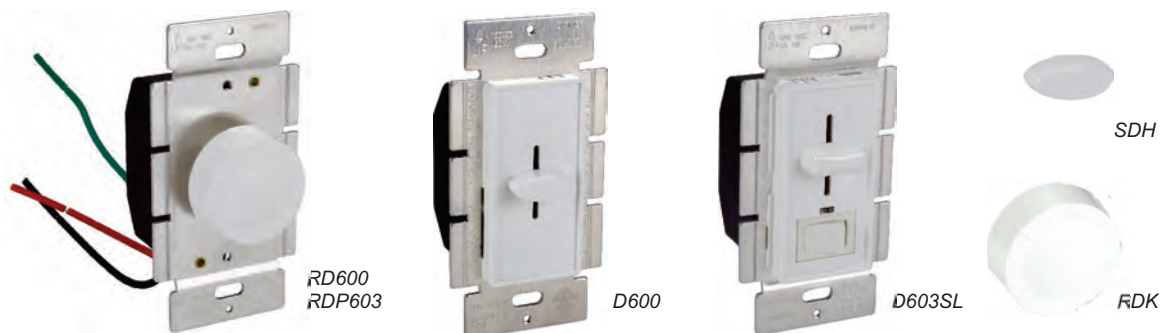
RESIDENTIAL GRADE

INCANDESCENT DIMMERS

PRODUCT FEATURES

- ▶ 120 VAC
- ▶ 600W
- ▶ With #18AWG Cable Leads
- ▶ Fits Decorative/GFCI Wall plates

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.
		White	Ivory	Almond	Black	
*RD600	Single-Pole Rotary Dimmer, Turn to On	*RD600-W	*RD600-I	-	-	10
*RDP603	Single-Pole/3-Way, Rotary Dimmer, Push On/Off Preset	*RDP603-W	-	-	-	10
*RDK	Replacement Knob for Rotary Dimmers	*RDK-W	*RDK-I	-	-	10
*D600	Single-Pole	*D600-W	*D600-I	-	-	10
*D603SL	Single-Pole/3-Way with Preset Switch With LED Light, glows when lights are off	*D603SL-W	*D603SL-I	*D603SL-A	*D603SL-BK	10
*SDH	Slide Dimmer Replacement Handle	*SDH-W	*SDH-I	*SDH-A	-	10



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RESIDENTIAL GRADE

FLUORESCENT PRESET SLIDE DIMMER

PRODUCT FEATURES

- ▶ 120 VAC
- ▶ 600W
- ▶ Magnetic Ballast Only
- ▶ Fits Decorative/GFCI Wallplates

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.
		White	Ivory	
*FD503	Single-Pole/3-Way Slide and Switch with Light	*FD503-W	*FD503-I	10



RESIDENTIAL GRADE

DIGITAL TIMERS

TIE-7

- ▶ Automatic or Manual operation
- ▶ Push control cover to switch ON/OFF at any time
- ▶ Program up to 16 ON/OFF settings per week
- ▶ Large digital LCD display
- ▶ 3 year warranty
- ▶ Standard decorative wall plate included
- ▶ Built-in memory holds settings indefinitely without power
- ▶ White Finish

Cat. No.	Description		Std. Pkg.
*TIE-7	7-Day Heavy Duty Digital In-Wall Timer, 120VAC, 60Hz	Resistive rating: 15A, 1800Watts Tungsten rating: 1200Watts Motor Load: 1/2HP	10



COMMERCIAL GRADE

SNAP-ON DECORATIVE LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ 2-Piece (Bracket & Snap-On Face)
- ▶ Screw-less Wall Plates



Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Amond	Black	Ivory		
OPS26	1-GANG	OPS26-W	OPS26-A	*OPS26-BK	OPS26-I	25	200
OPS262	2-GANG	OPS262-W	OPS262-A	*OPS262-BK	OPS262-I	25	200
OPS263	3-GANG	OPS263-W	OPS263-A	-	-	10	200
OPS264	4-GANG	OPS264-W	OPS264-A	-	-	10	200
OPS265	5-GANG	OPS265-W	OPS265-A	-	-	10	200



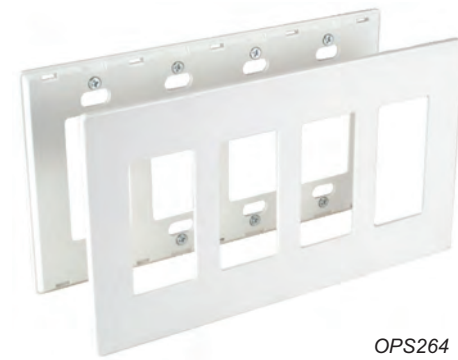
OPS26



OPS262



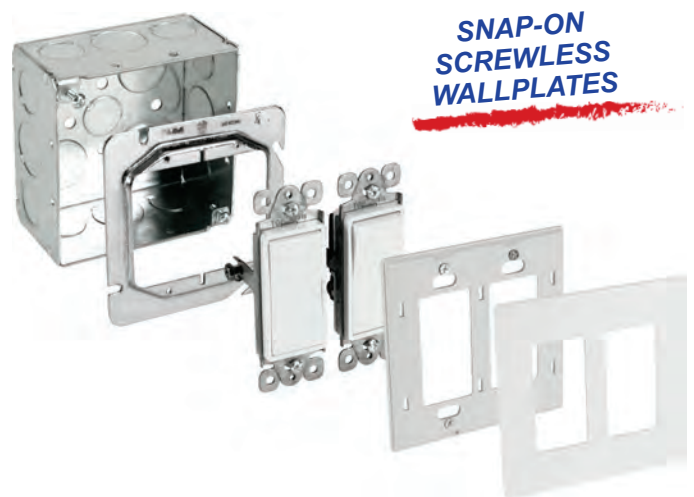
OPS263



OPS264



OPS265



**SNAP-ON
SCREWLESS
WALLPLATES**

INSTALLATION VIEW

Wiring Devices



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G25 | Lexan Wallplates



COMMERCIAL GRADE

STANDARD SIZE LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ Painted Screws Included

See pg. G28 & G29 for Mid-Size and Jumbo Wallplates



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)					Std. Pkg.	Master Carton
			White	Ivory	Gray	Orange	Red		
OP1	1	Toggle Switch	OP1-W	OP1-I	*OP1-G	-	-	25	200
OP2	2	Toggle Switch	OP2-W	OP2-I	*OP2-G	-	-	25	200
OP3	3	Toggle Switch	OP3-W	*OP3-I	-	-	-	10	200
OP4	4	Toggle Switch	*OP4-W	*OP4-I	-	-	-	10	200
OP5	5	Toggle Switch	OP5-W	*OP5-I	-	-	-	10	200
OP6	6	Toggle Switch	*OP6-W	*OP6-I	-	-	-	10	200
OP8	1	Duplex Receptacle	OP8-W	OP8-I	*OP8-G	*OP8-O	*OP8-R	25	200
OP82	2	Duplex Receptacle	OP82-W	OP82-I	-	*OP82-O	*OP82-R	25	200
OP83	3	Duplex Receptacle	*OP83-W	*OP83-I	-	-	-	10	200
OP84	4	Duplex Receptacle	*OP84-W	*OP84-I	-	-	-	10	200
OP85	5	Duplex Receptacle	*OP85-W	*OP85-I	-	-	-	10	200
OP86	6	Duplex Receptacle	*OP86-W	*OP86-I	-	-	-	10	200

Wiring Devices



OP1



OP8



OP2



OP82



OP3



OP83

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COMMERCIAL GRADE

STANDARD SIZE LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ Painted Screws Included

See pg. G28 & G29 for Mid-Size and Jumbo Wallplates



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)					Std. Master Pkg. Carton	
			White	Ivory	Black	Almond	Gray		
OP26	1	Decorative or GFCI	OP26-W	OP26-I	*OP26-BK	*OP26-A	-	25	200
OP262	2	Decorative or GFCI	OP262-W	OP262-I	*OP262-BK	*OP262-A	-	25	200
OP263	3	Decorative or GFCI	OP263-W	*OP263-I	*OP263-BK	*OP263-A	-	10	200
OP264	4	Decorative or GFCI	OP264-W	*OP264-I	*OP264-BK	OP264-A	-	10	200
*Op265	5	Decorative or GFCI	*OP265-W	*OP265-I	*OP265-BK	*OP265-A	-	10	200
*Op266	6	Decorative or GFCI	*OP266-W	*OP266-I	*OP266-BK	*OP266-A	-	10	200
<hr/>									
OP13	1	Blank (Box Mount)	OP13-W	OP13-I	-	*OP13-A	-	25	200
OP23	2	Blank (Box Mount)	OP23-W	OP23-I	*OP23-BK	*OP23-A	*OP23-G	25	200
OP33	3	Blank (Box Mount)	OP33-W	*OP33-I	-	*OP33-A	-	10	200
OP43	4	Blank (Box Mount)	OP43-W	*OP43-I	-	*OP43-A	-	10	200
<hr/>									
OP11	1	Phone / Cable, 0.406" Dia.	OP11-W	*OP11-I	*OP11-BK	*OP11-A	-	25	200
*Op21	2	Phone / Cable, 0.406" Dia.	*OP21-W	*OP21-I	*OP21-BK	*OP21-A	-	25	200
<hr/>									
OP737	1	Doorbell Push Button, 0.625" Dia.	OP737-W	*OP737-I	-	-	-	25	200
<hr/>									
OP7	1	Single Receptacle, 1.406" Dia.	OP7-W	*OP7-I	-	-	-	25	200
OP72	2	Single Receptacle, 1.406" Dia.	OP72-W	*OP72-I	-	-	-	25	200



OP26



OP13



OP11



OP262



OP23



OP21



OP737



OP7



OP72



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G27 | Lexan Wallplates



COMMERCIAL GRADE

STANDARD SIZE LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ Painted Screws Included

See pg. G28 & G29 for Mid-Size and Jumbo Wallplates



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
			White	Ivory	Almond		
OP113	2	Blank & Toggle Switch	OP113-W	OP113-I	-	25	200
OP813	2	Blank & Duplex	OP813-W	OP813-I	-	25	200
OP1426	2	Blank (Strap) & Decorative or GFCI	OP1426-W	*OP1426-I	OP1426-A	25	200
OP18	2	Toggle Switch & Duplex	OP18-W	*OP18-I	-	25	200
OP126	2	Toggle Switch & Decorative or GFCI	OP126-W	*OP126-I	-	25	200
OP826	2	Duplex & Decorative or GFCI	OP826-W	*OP826-I	-	25	200
OP87	2	Duplex & 1.406" S.R.	OP87-W	*OP87-I	-	25	200
OP226	3	2 Toggle Switches & 1 Decorative or GFCI	OP226-W	*OP226-I	-	10	200
OP28	3	2 Switches & 1 Duplex	*OP28-W	*OP28-I	-	10	200



OP113



OP813



OP1426



OP18



OP126



OP826



OP87



OP226



OP28

Wiring Devices

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COMMERCIAL GRADE

MID-SIZE LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ 3/8" Wider and 3/8" Higher than Standard Size Wallplates
- ▶ Resistant to High Abuse
- ▶ Painted Screws Included



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
			White	Ivory		
OPM1	1	Toggle Switch	OPM1-W	OPM1-I	25	200
OPM2	2	Toggle Switch	OPM2-W	OPM2-I	25	200
OPM8	1	Duplex Receptacle	OPM8-W	OPM8-I	25	200
OPM82	2	Duplex Receptacle	OPM82-W	OPM82-I	25	200
OPM26	1	Decorative or GFCI	OPM26-W	OPM26-I	25	200
OPM262	2	Decorative or GFCI	OPM262-W	OPM262-I	25	200
OPM13	1	Blank (Box Mount)	OPM13-W	OPM13-I	25	200
OPM23	2	Blank (Box Mount)	OPM23-W	OPM23-I	25	200
OPM126	2	Toggle Switch & Decorative or GFCI	OPM126-W	OPM126-I	25	200
OPM18	2	Toggle Switch & Duplex Receptacle	OPM18-W	OPM18-I	25	200
OPM826	2	Duplex Receptacle & Decorative or GFCI	OPM826-W	OPM826-I	25	200



OPM1



OPM2



OPM8



OPM82



OPM26



OPM262



OPM13



OPM23



OPM126



OPM18



OPM826



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G29 | Lexan Wallplates

COMMERCIAL GRADE

JUMBO LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ 3/8" Wider and 3/8" Higher than Standard Size Wallplates
- ▶ Resistant to High Abuse
- ▶ Painted Screws Included



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
			White	Ivory		
OPJ1	1	Toggle Switch	OPJ1-W	OPJ1-I	25	200
OPJ8	1	Duplex Receptacle	OPJ8-W	OPJ8-I	25	200
OPJ26	1	Decorative or GFCI	OPJ26-W	OPJ26-I	25	200
OPJ13	1	Blank (Box Mount)	OPJ13-W	OPJ13-I	25	200



OPJ1



OPJ8



OPJ26



OPJ13

WALLPLATE SCREWS

PRODUCT FEATURES

- ▶ #6-32 Slot Painted Screws

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
CPS-516	5/16" Cover Plate Screw, Painted	CPS-516-W	CPS-516-I	100	1000
CPS-50	1/2" Cover Plate Screw, Painted	CPS-50-W	CPS-50-I	100	1000
CPS-75	3/4" Cover Plate Screw, Painted	CPS-75-W	CPS-75-I	100	1000
CPS-100	1" Cover Plate Screw, Painted	CPS-100-W	CPS-100-I	100	1000



CPS-516



CPS-50



CPS-75



CPS-100

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COMMERCIAL GRADE

STAINLESS STEEL WALLPLATES

PRODUCT FEATURES

- ▶ Fine Brushed Finish
- ▶ Resistant to High Abuse
- ▶ Stainless Screws Included

Cat. No.	No. of Gangs	Description	Std. Pkg.	Master Carton
OS13	1	Blank	25	200
OS23	2	Blank	25	100
OS33	3	Blank	10	100
OS43	4	Blank	10	100
OS1	1	Toggle Switch	25	200
OS2	2	Toggle Switch	25	100
OS3	3	Toggle Switch	10	100
OS4	4	Toggle Switch	10	100
OS8	1	Duplex Receptacle	25	200
OS82	2	Duplex Receptacle	25	100
OS83	3	Duplex Receptacle	10	100
OS84	4	Duplex Receptacle	10	100
OS26	1	Decorative or GFCI	25	200
OS262	2	Decorative or GFCI	25	100
OS263	3	Decorative or GFCI	10	100
OS264	4	Decorative or GFCI	10	100



OS13



OS1



OS8



OS26



OS23



OS2



OS82



OS262



G31 | Stainless Steel Wallplates



COMMERCIAL GRADE

STAINLESS STEEL WALLPLATES

PRODUCT FEATURES

- ▶ Fine Brushed Finish
- ▶ Resistant to High Abuse
- ▶ Stainless Screws Included

Cat. No.	No. of Gangs	Description	Std. Pkg.	Master Carton
OS7	1	Single Receptacle, 1.406" Dia.	25	200
OS705	1	Single Receptacle, 1.625" Dia.	25	200
OS11	1	Phone/Cable, 0.406" Dia.	25	200
OS737	1	Doorbell Push Button, 0.625" Dia.	25	200
OS724	1	Power Outlet, 2.156" Dia.	25	200
OS113	2	One Toggle Switch & Blank	25	100
OS18	2	Toggle Switch & Duplex Receptacle	25	100
OS126	2	Toggle Switch & Decorative or GFCI	25	100
OS826	2	Duplex Receptacle & Decorative or GFCI	25	100
OS21	2	Phone/Cable 0.406" Dia.	25	100
OS703	2	Power Outlet, 2.156" Dia.	25	100
OS701	2	Power Outlet, 2.468" Dia.	25	100
OS226	3	Two Toggle Switches & Decorative or GFCI	10	100

Wiring Devices



OS7



OS705



OS11



OS737



OS724



OS113



OS18



OS126



OS826



OS21



OS703



OS701



OS226

CONSTRUCTION LAMP SOCKET

PRODUCT FEATURES

- ▶ 250V, 660W
- ▶ Heavy Duty
- ▶ Aluminum screw shell with Rubber Housing
- ▶ With 6"-Long #14AWG Leads
- ▶ Sealed in rubber booth

Cat. No.	Description	Color	Std. Pkg.
CLS	Medium-Base Lamp Socket	Black	25



CLS

FLOOR BOX ACCESSORIES

Cat. No.	Description	Color	Std. Pkg.
RP-100-BR	Round Plug 1" for R1G & R2G Covers	Brass	1
RP-100-SS	Round Plug 1" for R1G & R2G Covers	Stainless Steel	1
KJH4P-W	Keystone Jack Holder 4-Port	White	1
KJF-W	Keystone Jack F-Connector	White	1
KJB-W	Keystone Jack Blank	White	1
KJH-W	Keystone Jack Holder HDMI	White	1
KJC5E-W	Keystone Jack CAT5E	White	1
KJC6-W	Keystone Jack CAT6	White	1
KJC6A-W	Keystone Jack CAT6A	White	1



KJH4P-W



RP-100-BR



RP-100-SS



KJF-W



KJB-W



KJH-W



KJC5E-W



KJC6-W



KJC6A-W



UNIVERSAL PROTECTIVE COVERS

PRODUCT FEATURES

- ▶ UPC-12MA features domed cover for protecting Toggle & Decora™ -style switches
- ▶ UPC-12MA fits 1 Gang, 2 Gang, Multigang, & Adj. Rings



Multiple UPC-12MA shown installed on SSB-MB3 - Domed cover ideal for protecting Toggle Switch and other devices

Cat. No.	Description	Std. Pkg.
UPC-12MA <small>NEW</small>	Gangable, Steel Universal Protective Cover, fits 1G, 2G, Multigang & Adj. Rings	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering	25
*UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch	25



UPC-12MA

NEW



UPC



UPCTS



Complete UPC Assembly Shown Installed with Toggle Switch

5" ROUND CLOSURE PLATES

PRODUCT FEATURES

- ▶ Universal Mounting Strap
- ▶ For Covering Up Unused 30 or 40 Boxes



Cat. No.	Description	Std. Pkg.
CP-5	Hard Aluminum 5" Dia. Blank Cover Plate; White	50
CP-5NM	Heavy-duty PVC 5" Dia. Twist-On Box Cover; White	50

GARBAGE DISPOSAL REPLACEMENT CORDS

PRODUCT FEATURES

- ▶ 125VAC
- ▶ 16/3 AWG
- ▶ 3-Conductor

Cat. No.	Description	Length Ft.	AMPS	Watts	Color	Product Packaging	Std. Pkg.
PT163S-3	Straight U-Ground Plug	3	13	1625	Gray	Wrapper	100
PT163S-6	Straight U-Ground Plug	6	13	1625	Gray	Wrapper	100
PT163A-3	Right Angle U-Ground Plug	3	13	1625	Gray	Wrapper	100
PT163A-6	Right Angle U-Ground Plug	6	13	1625	Gray	Wrapper	100



PT163S-3
PT163S-6



PT163A-3
PT163A-6

PHOTOELECTRIC CONTROLS

PRODUCT FEATURES

- ▶ 1.5VA Power Consumption
- ▶ 6-20 Lx On Level
- ▶ 30-60 Lx Off Level
- ▶ 2-Year Warranty

Cat. No.	Description	Rating		Std. Pkg.
		Tungsten	Ballast	
PC-1	120V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1-277	208/277V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1S	120V 50/60Hz, Swivel-Type	1200 W	1000VA	12
PC-1SH	120V 50/60Hz, High-Wattage Swivel-Type	2000 W	1900VA	12
PC-1F	120V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1F-277	208/277V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1P	120V 50/60Hz, with Weatherproof Plate & Gasket	500 W	850VA	12
PC-1T	120~277V 50/60Hz, Twist Lock E-Ballast: 8A@120VAC, 5A@208-277VAC	1000 W	1800VA	12



PC-1
PC-1-277



PC-1S



PC-1SH



PC-1F
PC-1F-277



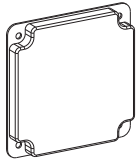
PC-1P



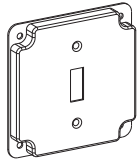
PC-1T



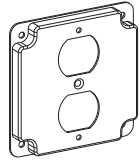
See Steel Industrial Covers on pg. A13 & A20



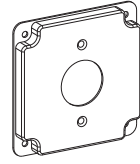
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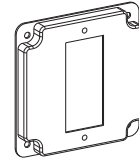
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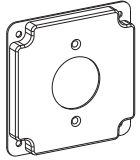
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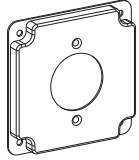
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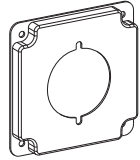
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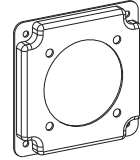
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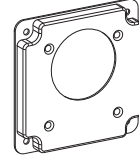
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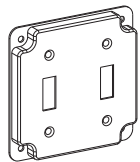
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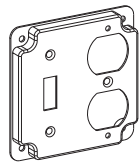
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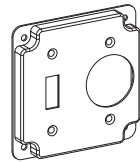
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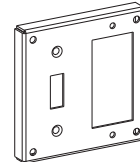
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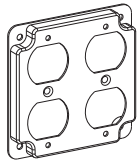
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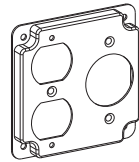
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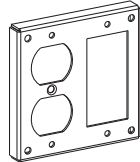
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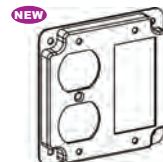
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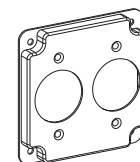
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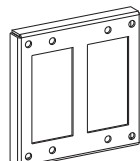
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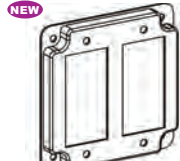
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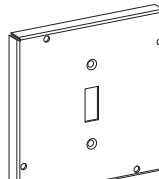
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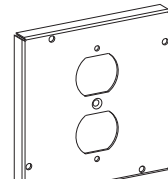
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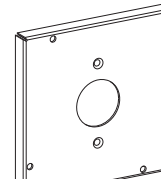
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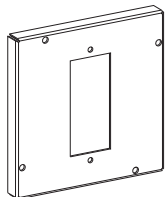
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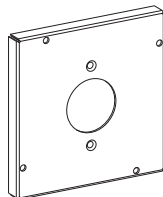
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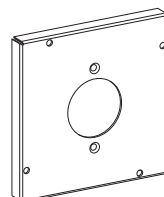
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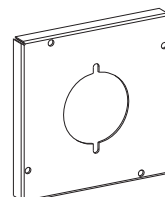
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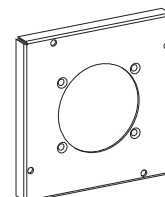
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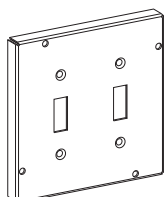
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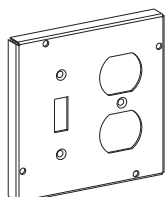
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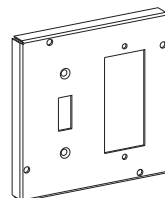
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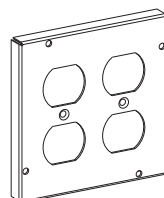
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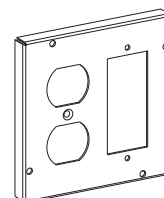
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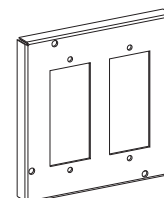
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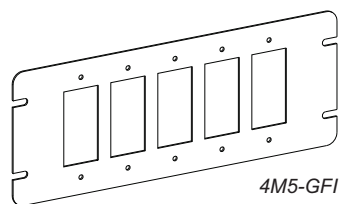
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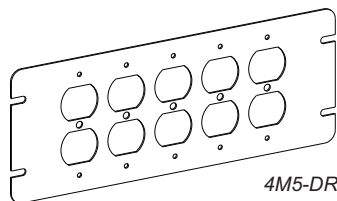
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Wiring Devices

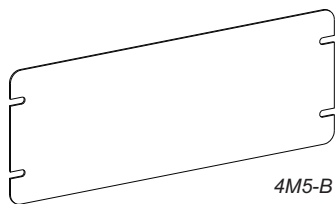
See Multigang and Handy Box Device Covers on pg. A26 & A32



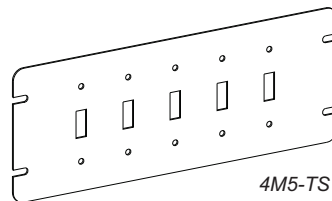
4M5-GFI



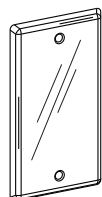
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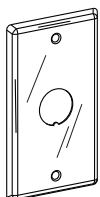
4M5-B



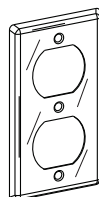
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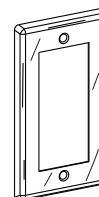
HBC-B



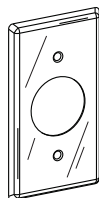
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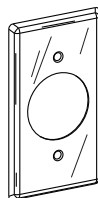
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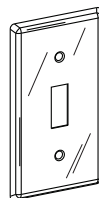
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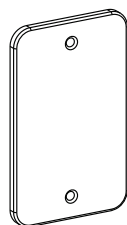
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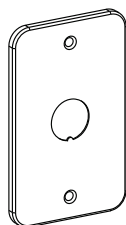
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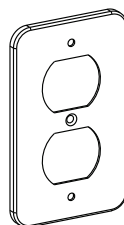
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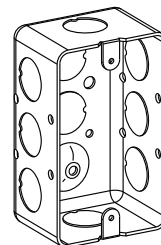
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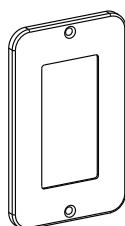
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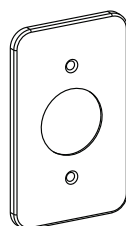
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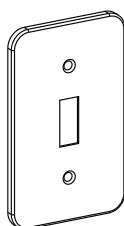
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WHBC-GFI



WHBC-SR



WHBC-TS

BENEFITS OF ORBIT LED LIGHTING

Orbit Industries stocks a large assortment of LED Lighting fixtures on both coasts. We can deliver these fixtures in three working days or less! Orbit's outdoor LED lighting consists of Wall Packs, Flood Lights, Canopies, Area Lights, and Landscape Lights. We even carry indoor LED High Bays for large warehouses and gymnasiums. Most LED fixtures are DLC Standard or DLC Premium qualified.

ADJUSTABLE WATTAGE AND COLOR TEMPERATURE (CCT)

- Tune fixture outputs in the field!
- Available on select Wall Pack, Flood Light, and High Bay models

ENERGY EFFICIENT

- Save thousands of dollars in energy consumption and re-lamping costs
- 50,000+ life hours, even at continuous operation
- DLC Standard and DLC Premium fixtures qualify for most utility rebates*

*Please check with local utility company for eligibility

INCREASED SAFETY AND SATISFACTION

- Crisp LED light source reduces shadows that impair visibility
- Uniform light distribution increases productivity
- Brighter, more welcoming atmosphere for guests and employees

LIGHTING LAYOUT AND PHOTOMETRIC SERVICES

- Complimentary Lighting Layout Services available (send inquiries to info@orbitelectric.com)
- Photometric .IES files for all lighting products (visit www.orbitelectric.com)

WARRANTIED BY A REPUTABLE MANUFACTURER

- 5-Year Limited Warranty on Commercial LED Lighting
(1-Year for Landscape Lighting)
- Over 25 years serving the electrical industry
- Orbit stands by its Warranties, and makes every effort to satisfy customer needs

Disclaimer: Shape, Design, and Finish may change without prior notice

www.orbitelectric.com

LAL1-50W Area Light | Pg. H2



The Round LED Area Light (LAL1-50W-P-CW), or “Barn Light”, is ideal for outdoor locations that require broad light distribution. Perfect for illuminating driveways, yards, or recreation areas. Offers four ADJUSTABLE WATTAGE settings – 20W, 30W, 40W and 50W. Replaces up to 175W HID Output selected via built-in DIP switch. Twist-lock Photocell and 90° Extension Arm included. UL Listed for Wet Locations. DLC Premium Listed.

LFL10 AREA LIGHT | Pg. H3



LED Lighting

The LED Flood and Area Light Fixture is ideal for outdoor applications such as exterior building lighting, roadways, loading docks, or parking areas. Available from 80W to 400W – with outputs ranging from 11,000 to 56,000 lumens. ADJUSTABLE WATTAGE featured on 150W, 300W, and 400W models. Five mounting options include Post Mount (LFL10-PM), Slip-Fitter (LFL10-SF) or Trunnion (LFL10-T). Mounts sold separate. User-friendly design allows installer to mount fixture and complete wiring without having to access inside the fixture. Day-night Photocell included standard. Available in 120~277V or 277~480V. UL Listed for Wet Locations. DLC Premium Listed.

AWC-LFL11 Flood Light & Area Light | Pg. H4



The Slim LED Flood and Area Light Fixture offers ADJUSTABLE COLOR TEMPERATURE (CCT) and ADJUSTABLE WATTAGE on all models. Ideal for outdoor applications such as exterior building lighting, sign lighting, roadways, loading docks, or parking areas. CCT and Wattage outputs are tuned via built-in switch outside the fixture. Available from 10W to 300W – with outputs ranging from 1,252 to 39,718 lumens. Set CCT levels to either 3000K, 4000K, or 5000K. 30W/60W/100W fixtures come with pre-installed knuckle mount (30W/60W/100W) or yoke mount (100W). Mounts sold separately for 150W/300W models. Day-night Photocell with ON/OFF switch included standard. UL Listed for Wet Locations. DLC Premium Listed.

LED Lighting

AWC-LWP6 Wall Pack | Pg. H6



The Traditional LED Wall Pack offers ADJUSTABLE COLOR TEMPERATURE (CCT) and ADJUSTABLE WATTAGE on all models. Ideal for outdoor commercial areas such as retail centers, loading docks, or warehouse exteriors. CCT and Wattage outputs are tuned via built-in switch located on the outside of the fixture. Ranges from 30W (3,818 lumens) to 150W (19,384 lumens). Set CCT levels to either 3000K, 4000K, or 5000K. Includes photocell with ON/OFF switch. UL Listed for Wet Locations. DLC Premium Listed.

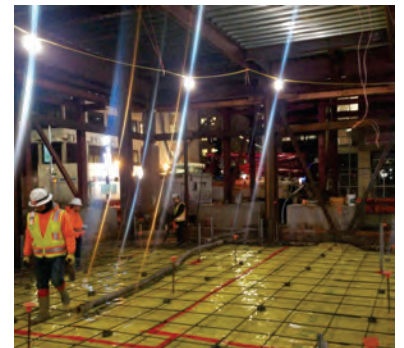
AWC-LUHB5 & AWC-LLHB4 High Bay Light | Pg. H8-H9



The Round "UFO" and Linear LED High Bay Light Fixtures are perfect for indoor locations with high ceilings, such as open factory floors, transit stations, big box stores, and exhibition halls. All models have ADJUSTABLE COLOR TEMPERATURE (CCT) and ADJUSTABLE WATTAGE settings. Additionally, both high bay lights are compatible with a motion sensor (sold separately). These lights are designed to operate in a wide temperature range, from -40°F to 122°F for UFO High Bay and from -30°F to 122°F for Linear High Bay*. UL and DLC Premium Listed.

* Please refer to the installation instructions for more detailed information.

LTL Temporary Light Fixture | Pg. H10



The Temporary LED Work Light is an energy-efficient, re-usable solution for indoor construction job sites. Ideal for replacing hot, energy-draining work lights and messy string lights. LTL Series comes in 60W, 100W, and 150W packages, and includes stainless steel lamp cage and retractable mounting hook. It also includes a 10ft cord with male plug; and a 3-prong female outlet, concealed by sliding cover plate. Cord and outlet set allows LTL Series to daisy-chain together as "string lights" (up to 900W total load). Operates in temperatures from -40°F to 140°F. Options include 5' tall, collapsible Tripod Stand; and Floor Stand Bracket. UL Listed for Damp Locations (IP63).



AWC-LFL7-50W



LFL7



LFL20



LAL1-P **NEW**



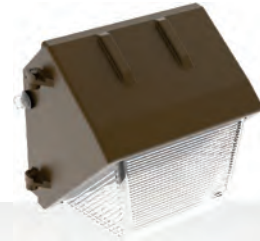
LFL10



AWC-LFL11-60W **NEW**



AWC-LFL11-150W **NEW**



AWC-LWP4



LWP4



AWC-LWP6 **NEW**



LWP3



LP741



AC-LWP28 **NEW**



LWP25



LLHB3



AWC-LLHB4 **NEW**



LUHB4



AWC-LUHB5 **NEW**



LCM7



LTL



LISL



LSL12



LFL13



LFL20-6W



LMR16-5W-D



LMR11-3W **NEW**



LBAY-3W-WW **NEW**



LBAY



LJC-3W **NEW**



LJC



LED EMERGENCY BALLASTS

H1 | LED Flood & Area Lights

*AWC-LFL7 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 7H x 6V NEMA Type
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage & CCT
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES

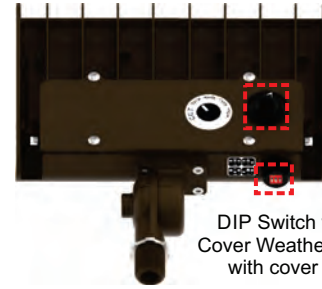


AWC-LFL7-KN



AWC-LFL7-T

Adjustable Color Temperature (CCT) Knob
(cover included)



DIP Switch with Cover Weatherproof with cover on

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
AWC-LFL7-50W-KN	120~277V	15W/ 20W/ 30W/ 50W	3000K/ 4000K/ 5000K/ 5700K	1,920 lm/ 2,560 lm/ 3,840 lm/ 6,403 lm	70W/ 100W/ 175W MH
AWC-LFL7-50W-T					

LFL7 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 7H x 6V NEMA Type
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



LFL7-15W-KN



LFL7-30W-KN



LFL7-50W-KN



LFL7-15W-T



LFL7-30W-T



LFL7-50W-T

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LFL7-15W-WW-KN	120~277V	15W	3000K	1,870 lm	50W MH
LFL7-15W-WW-T		15W	3000K	1,870 lm	50W MH
LFL7-15W-CW-KN		15W	5000K	1,937 lm	50W MH
LFL7-15W-CW-T		15W	5000K	1,937 lm	50W MH
LFL7-30W-WW-KN		30W	3000K	3,936 lm	100W MH
LFL7-30W-WW-T		30W	3000K	3,936 lm	100W MH
LFL7-30W-CW-KN		30W	5000K	4,040 lm	100W MH
LFL7-30W-CW-T		30W	5000K	4,040 lm	100W MH
LFL7-50W-CW-KN		50W	5000K	6,218 lm	175W MH
LFL7-50W-CW-T		50W	5000K	6,218 lm	175W MH

SCAN FOR MORE INFO



LFL20 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 6H x 6V NEMA Type
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



LFL20-15W-KN



LFL20-28W-KN



LFL20-42W-KN

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LFL20-15W-WW-KN	120~277V	15W	3000K	1,770 lm	50W MH
LFL20-15W-CW-KN		15W	5000K	1,800 lm	50W MH
LFL20-28W-WW-KN		28W	3000K	3,304 lm	100W MH
LFL20-28W-CW-KN		28W	5000K	3,360 lm	100W MH
LFL20-42W-WW-KN		42W	3000K	5,250 lm	150W MH
LFL20-42W-CW-KN		42W	5000K	5,376 lm	150W MH

NEW LAL1 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ TYPE VS Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage Model (50W)
- ▶ Twist-Lock Photocell Included
- ▶ 0-10V Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



90° Extension Arm Included

Wall Mount



Adjustable Wattage (50W model)

Adjustable Wattage DIP Switch with Cover
Weatherproof with cover on

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LAL1-50W-P-CW	120~277V	20W/ 30W/ 40W/ 50W	5000K	2,760 lm/ 4,140 lm/ 5,520 lm/ 6,435 lm	70W/ 100W/ 150W/ 175W MH
LAL1-80W-P-CW		80W		11,227 lm	250W MH

DIMMABLE



H3 | LED Flood & Area Lights

LFL10 SERIES

PRODUCT FEATURES

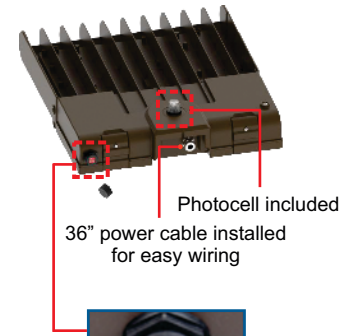
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ TYPE III Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage Models (120~277V 150W/300W/400W)
- ▶ Pre-installed Photocell With Cover
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



DIMMABLE

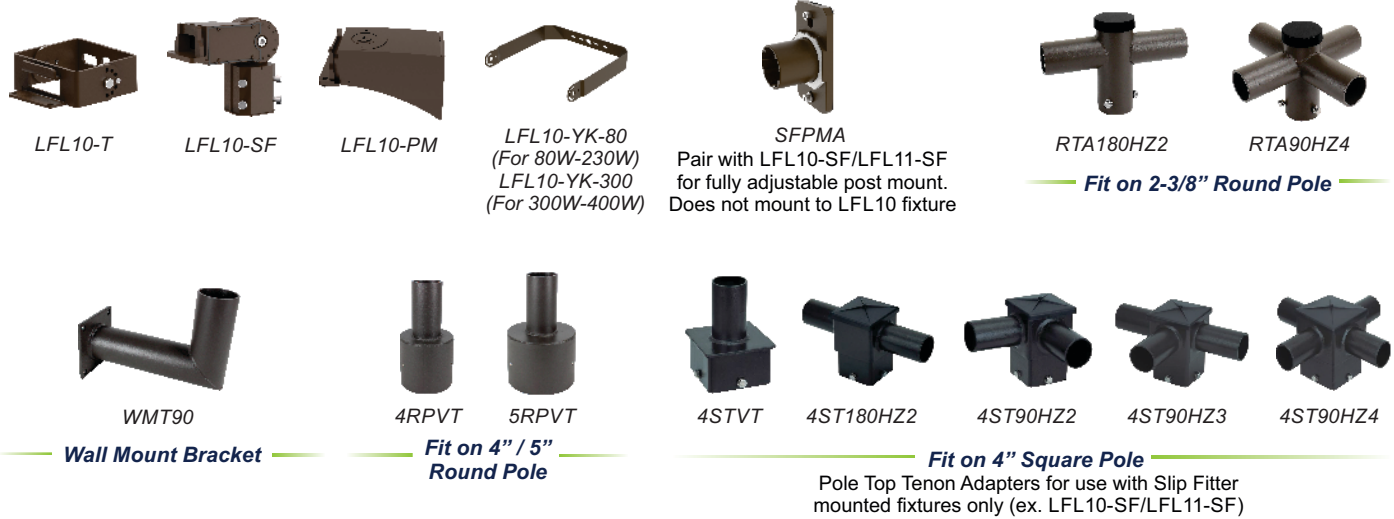
SCAN FOR MORE INFO



Note: Keep power switch cover on to maintain waterproof integrity

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LFL10-80W-P	120~277V	80W	5000K	11,000 lm	250W MH
LFL10-100W-P		100W		13,125 lm	400W MH
LFL10-150W-P		50W/ 80W/ 100W/ 150W		6,650 lm/ 10,640 lm/ 13,300 lm/ 20,137 lm	175W/ 250W/ 400W/ 750W MH
LFL10-230W-P		230W		33,457 lm	1,000W MH
LFL10-300W-P		150W/ 200W/ 240W/ 300W		21,600 lm/ 28,800 lm/ 34,560 lm/ 41,466 lm	750W/ 1,000W MH
LFL10-400W-P		230W/ 300W/ 350W/ 400W		32,430 lm/ 42,300 lm/ 49,350 lm/ 56,047 lm	1,000W/ 1,200W MH
LFL10-150W-P-480V	277~480V	150W		18,933 lm	750W
LFL10-230W-P-480V		230W		31,735 lm	1,000W MH
LFL10-300W-P-480V		300W		37,025 lm	1,000W MH
LFL10-400W-P-480V		400W		57,435 lm	1,200W MH

ACCESSORIES Sold Separately



NEW AWC-LFL11 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Tempered Glass Lens with Weatherproof Gasket
- ▶ 7H x 7V NEMA Type (30W/60W/100W) TYPE VS Distribution (150W/300W)
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage & CCT
- ▶ Built-In Photocell With ON/OFF Switch
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



SCAN FOR MORE INFO



AWC-LFL11-30W-KN



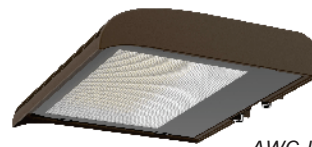
AWC-LFL11-60W-KN



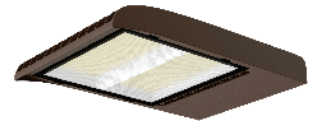
AWC-LFL11-100W-KN



AWC-LFL11-100W-YK



AWC-LFL11-150W



AWC-LFL11-300W

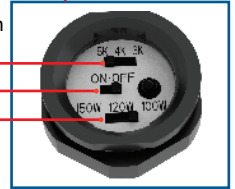
Keep cover on to maintain waterproof integrity

CCT Adjustment Switch

ON/OFF

Photocell & Switch

Wattage Adjustment Switch



Catalog No.	Voltage	System Wattage	Adj. Color Temp.	Lumens	Wattage Equiv.
AWC-LFL11-30W-P-KN	120~277V	10W/ 20W/ 30W	3000K/ 4000K/ 5000K	1,252 lm/ 2,505 lm/ 3,757 lm	50W/ 70W/ 100W MH
AWC-LFL11-60W-P-KN		40W/ 50W/ 60W		4,953 lm/ 6,191 lm/ 7,429 lm	150W/ 175W MH
AWC-LFL11-100W-P-KN		50W/ 80W/ 100W		6,629 lm/ 10,606 lm/ 13,257 lm	175W/ 250W/ 400W MH
AWC-LFL11-100W-P-YK		50W/ 80W/ 100W		6,629 lm/ 10,606 lm/ 13,257 lm	175W/ 250W/ 400W MH
AWC-LFL11-150W-P		80W/ 100W/ 150W		10,332 lm/ 12,915 lm/ 19,372 lm	250W/ 400W/ 750W MH
AWC-LFL11-300W-P		200W/ 240W/ 300W		26,479 lm/ 31,774 lm/ 39,718 lm	750W/ 1,000W MH

ACCESSORIES FOR 150W/300W Sold Separately



LFL11-T



LFL11-SF



LFL11-PM



LFL11-YK-150
(For 150W)
LFL11-YK-300
(For 300W)



SFPMA
Pair with LFL10-SF/LFL11-SF
for fully adjustable post mount.
Does not mount to LFL11 fixture



RTA180HZ2



RTA90HZ4

Fit on 2-3/8" Round Pole



WMT90

Wall Mount Bracket



4RPVT 5RPVT

Fit on 4" / 5" Round Pole



4STVT 4ST180HZ2



4ST90HZ2



4ST90HZ3



4ST90HZ4

Fit on 4" Square Pole

Pole Top Tenon Adapters for use with Slip Fitter mounted fixtures only (ex. LFL10-SF/LFL11-SF)

H5 | LED Wall Packs

*AWC-LWP4 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Borosilicate molded Lens with weatherproof gasket
- ▶ TYPE IV Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage & CCT
- ▶ Pre-installed Photocell With Cover
- ▶ 0-10V Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



Photocell Included



CCT and Wattage Adjustment Knobs Inside

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
AWC-LWP4-30W-P	120~277V	15W/ 20W/ 25W/ 30W	3000K/ 4000K/ 5000K/ 5700K	1,935 lm/ 2,580 lm/ 3,225 lm/ 3,824 lm	70W/ 100W/ 150W MH
AWC-LWP4-60W-P		20W/ 30W/ 50W/ 60W		2,600 lm/ 3,900 lm/ 6,500 lm/ 7,200 lm	70W/ 150W/ 175W MH
AWC-LWP4-80W-P		20W/ 40W/ 60W/ 80W		2,700 lm/ 5,400 lm/ 8,100 lm/ 10,502 lm	70W/ 150W/ 250W MH
AWC-LWP4-120W-P		50W/ 80W/ 100W/ 120W		6,200 lm/ 9,920 lm/ 12,400 lm/ 15,057 lm	175W/ 250W/ 400W MH

*LWP4 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Borosilicate molded Lens with weatherproof gasket
- ▶ TYPE IV Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LWP4-30W-CW	120~277V	30W	5000K	4,145 lm	150W MH
LWP4-50W-CW		50W		6,750 lm	175W MH
LWP4-80W-CW		80W		11,360 lm	250W MH
LWP4-120W-CW		120W		15,840 lm	400W MH

ACCESSORIES Sold Separately



LWP2-S: Fits 50W and 80W models
LWP2-120W-S: Fits 120W model

Cut-off Shrouds

PC-1F
PC-1F-277

PC-1S

PC-1SH

Photocells

SCAN FOR MORE INFO



NEW AWC-LWP6 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Borosilicate molded Lens with weatherproof gasket
- ▶ TYPE IV Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage & CCT
- ▶ Built-In Photocell With ON/OFF Switch
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



AWC-LWP6-60W
AWC-LWP6-80W



AWC-LWP6-150W

Keep cover on to maintain waterproof integrity



CCT Adjustment Switch

ON/OFF

Photocell & Switch

Wattage Adjustment Switch



Catalog No.	Voltage	System Wattage	Adj. Color Temp.	Lumens	Wattage Equiv.
AWC-LWP6-60W-P	120~277V	30W/ 40W/ 60W	3000K/	3,818 lm/ 5,091 lm/ 7,636 lm	100W/ 150W/ 175W MH
AWC-LWP6-80W-P		50W/ 60W/ 80W	4000K/		
AWC-LWP6-150W-P		100W/ 120W/ 150W	5000K		

LWP3 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ TYPE III Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 0-10V/PWM Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LWP3-50W-CW	120~277V	50W	5000K	6,648 lm	175W MH
LWP3-80W-CW		80W		10,029 lm	250W MH

ACCESSORIES Sold Separately



PC-1F
PC-1F-277



PC-1S



PC-1SH

Photocells

SCAN FOR MORE INFO



H7 | LED Wall Packs

LP741 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ TYPE III Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Built-In Photocell
- ▶ 0-10V Dimmable
- ▶ 5 Year Limited Warranty



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LP741-30W-P-CW	120~277V	30W	5000K	3,537 lm	100W MH

NEW AC-LWP28 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Frosted Cover
- ▶ TYPE IV Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 45°C / 113°F
- ▶ 50,000 Life Hours
- ▶ Adjustable CCT
- ▶ Built-In Photocell
- ▶ 0-10V Dimmable
- ▶ 5 Year Limited Warranty



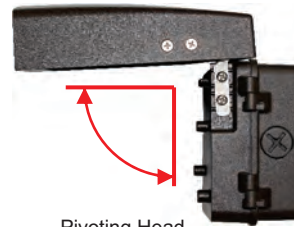
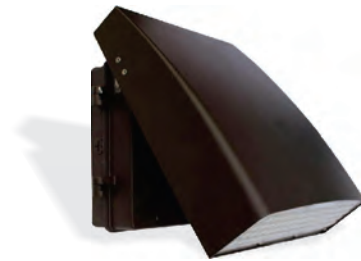
CCT Adjustment Switch Inside

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
AC-LWP28-20W-P	120~277V	20W	3000K/ 4000K/ 5000K	2,600 lm	70W MH

LWP25 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ TYPE I Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty



Pivoting Head adjusts from 0° to 90°

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LWP25-12W-WW	120~277V	12W	3000K	1,428 lm	50W MH
LWP25-12W-CW		12W	5000K	1,512 lm	50W MH
LWP25-30W-CW		30W	5000K	3,600 lm	100W MH

CERTIFICATES FOR THE PAGE



ACCESSORIES Sold Separately



PC-1F
PC-1F-277



PC-1S



PC-1SH

Photocells

SCAN FOR MORE INFO



*LLHB3 SERIES

PRODUCT FEATURES

- ▶ UL Listed
- ▶ Aluminum Alloy Housing
- ▶ UV Resistant White Powder Coat Finish
- ▶ Clear PC Cover
- ▶ 5.3ft Adjustable Suspension Kit included
- ▶ Ambient Operating Temp: -40°C / -40°F to 55°C / 131°F
- ▶ 50,000 Life Hours
- ▶ 1-10V Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



LLHB3-90W-CW

LLHB3-180W-CW

Suspension Kit Included

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LLHB3-90W-CW	120~277V	90W	5000K	12,600 lm	400W MH
LLHB3-180W-CW		180W		25,200 lm	750W MH
LLHB2 SERIES (Frosted Lens)					
LLHB2-FL-130W-CW	120~277V	130W	5000K	18,500 lm	400W MH

ACCESSORIES Sold Separately



LLHB2-M

Motion Sensor



LLHB2-RC

Remote Control



Driver LLHB2-EM

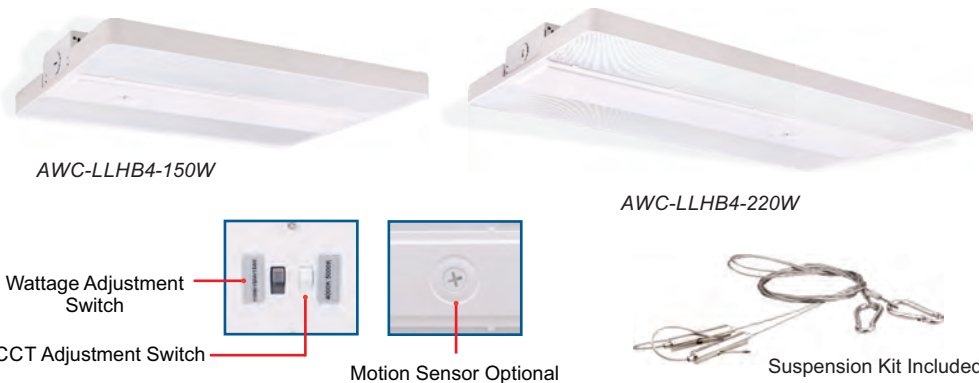
Emergency Backup

NEW AWC-LLHB4 SERIES

PRODUCT FEATURES

- ▶ UL Listed
- ▶ Die Cast Aluminum Housing
- ▶ White Powder Coat Finish
- ▶ Matte Lens
- ▶ 3.4ft Adjustable Suspension Kit included
- ▶ Ambient Operating Temp: -30°C / -22°F to 50°C / 122°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage & CCT
- ▶ 0-10V Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



AWC-LLHB4-150W

AWC-LLHB4-220W

Wattage Adjustment Switch

CCT Adjustment Switch

Motion Sensor Optional

Suspension Kit Included

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
AWC-LLHB4-150W	120~277V	110W/ 130W/ 150W	4000K/	14,946 lm/ 17,664 lm/ 20,381 lm	400W/ 750W MH
AWC-LLHB4-220W		180W/ 200W/ 220W	5000K		

ACCESSORIES Sold Separately



DMS1

Motion Sensor



DMS1-RC

Remote Control

SCAN FOR MORE INFO



H9 | LED High Bays

LUHB4 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Black Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 1/2" heavy-duty Fixture Hook Included
- ▶ Ambient Operating Temp: -40°C / -40°F to 50°C / 122°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage Models (120~277V 150W/300W)
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



DIMMABLE



120~277V



277V~480V



Adjustable Wattage DIP switch on 150W, 300W 120~277V

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
*LUHB4-100W-CW	120~277V	100W	5000K	15,000 lm	400W MH
*LUHB4-150W-CW		50W/ 80W/ 100W/ 150W		7,400 lm/ 11,840 lm/ 14,800 lm/ 22,200 lm	175W/ 250W/ 400W/ 750W MH
*LUHB4-230W-CW		230W		33,350 lm	1,000W MH
LUHB4-300W-CW	277~480V	150W/ 200W/ 240W/ 300W	5000K	21,000 lm/ 28,000 lm/ 33,600 lm/ 42,000 lm	750W/ 1,000W MH
LUHB4-230W-CW-480V		230W		32,890 lm	1,000W MH
LUHB4-300W-CW-480V		300W		42,900 lm	1,000W MH

ACCESSORIES Sold Separately



*LUHB4-T-100 (For 100W-150W)
LUHB4-T-230 (For 230W-300W)

NEW AWC-LUHB5 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ Black Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 1/2" heavy-duty Fixture Hook Included
- ▶ Ambient Operating Temp: -40°C / -40°F to 50°C / 122°F
- ▶ 50,000 Life Hours
- ▶ Adjustable Wattage & CCT
- ▶ 0-10V Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES

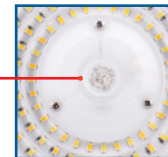


Wattage Adjustment Switch

CCT Adjustment Switch



Motion Sensor Optional



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
AWC-LUHB5-150W	120~277V	100W/ 120W/ 150W	3500K/ 4000K/ 5000K	13,451 lm/ 16,141 lm/ 20,176 lm	400W/ 750W MH
AWC-LUHB5-240W		180W/ 200W/ 240W	24,274 lm/ 26,971 lm/ 32,365 lm	750W/ 1,000W MH	
Single Wattage and Single Color Temperature					
LUHB5-150W-CW	120~277V	150W	5000K	20,421 lm	750W MH

ACCESSORIES Sold Separately



DMS1



DMS1-RC



LUHB5-T-150 (For 150W)
LUHB5-T-240 (For 240W)

Motion Sensor

Remote Control

SCAN FOR MORE INFO



LCM7 SERIES

PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Polycarbonate Lens with Weatherproof Gasket
- ▶ TYPE VS Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 0-10V/PWM/VR Dimmable
- ▶ 5 Year Limited Warranty

CERTIFICATES



DIMMABLE



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LCM7-40W-CW	120~277V	40W	5000K	4,814 lm	150W MH
LCM7-60W-CW		60W		7,074 lm	175W MH
LCM7-75W-CW		75W		9,900 lm	250W MH

ACCESSORIES Sold Separately



LCM7-M

Microwave Motion Sensor

LTL SERIES

PRODUCT FEATURES

- ▶ UL Listed for Damp Location
- ▶ Stainless Steel Lamp Cage
- ▶ 3 Prong, Male Plug with 10FT 18AWG Cord
- ▶ 3 Prong, hidden built-in Socket
- ▶ Stainless Steel Portable Hook with flexible spring
- ▶ Ambient Operating Temp: -40°C / -40°F to 60°C / 140°F
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty

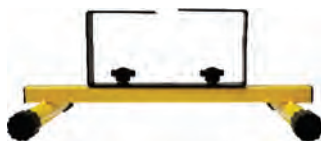
CERTIFICATES



LTL Series can connect up to 14pcs of 60W fixtures, 8pcs of 100W fixtures, 5pcs of 150W fixtures, or a combination of the three, not exceeding 900W at the same time

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LTL-60W-CW	120~277V	60W	5000K	7,200 lm	250W MH
LTL-100W-CW		100W		12,000 lm	400W MH
LTL-150W-CW		150W		18,000 lm	600W MH

ACCESSORIES Sold Separately



LTL-FS

Floor Stand Bracket



Shown Installed



LTL-TS

Tripod Stand Bracket



Shown Installed

SCAN FOR MORE INFO



H11 | Indoor Step Lights

LISL-1W-WH

PRODUCT FEATURES

- ▶ 120V 60Hz 25mA
- ▶ 1W Input Power
- ▶ Color Temp: 3000K
- ▶ 50,000 Life Hours
- ▶ Installation hardware included
- ▶ Installs into single gang switch boxes (See Pg. A34-A36)
- ▶ Set of White Louvered Cover included, Horizontal & Vertical

OPTIONAL COVERS



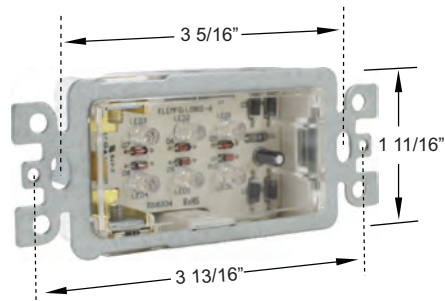
SS BS AL BK BR

- ▶ Set includes both Vertical & Horizontal Plate

CERTIFICATES



SCAN FOR MORE INFO



Optional Covers Sold Separately



LISL-C-SS
Stainless Steel



LISL-C-BS
Brass



LISL-C-AL
Almond

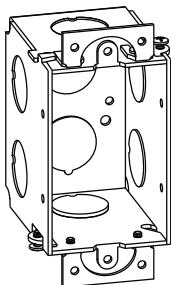


LISL-C-BK
Black

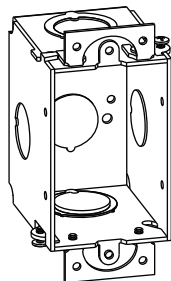


LISL-C-BR
Bronze

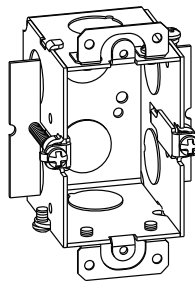
Fits in Single Gang Switch Boxes, See pg. A34-A36



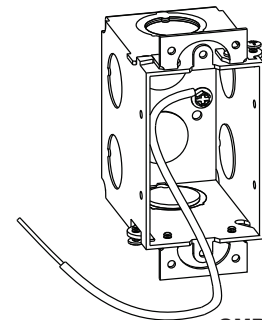
GB-1



GB-1-MKO



TG-1



GMB-1

LSL12 SERIES

PRODUCT FEATURES

- ▶ Suitable for Outdoor Location
- ▶ Aluminum Alloy Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Tempered Glass with High Grade Weatherproof Gasket
- ▶ Pre-wired with 18" SJTW Cord
- ▶ Trunnion Mount & Spike Included
- ▶ Min Operating Temp: -20°C/-4°F
- ▶ 50,000 Life Hours
- ▶ 1 Year Limited Warranty

CERTIFICATES



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LSL12-6W-WW	12V AC/DC	6W	3000K	350 lm	20W MH
LSL12-6W-CW		6W	5000K	350 lm	20W MH

LFL13 SERIES

PRODUCT FEATURES

- ▶ IP65 Rated for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 3 Year Limited Warranty

CERTIFICATES



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LFL13-12WW-T-12V	12V AC/DC	12W	3000K	1,270 lm	50W MH

LFL12-12V SERIES

PRODUCT FEATURES

- ▶ IP65 Rated for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 6H x 6V NEMA Type
- ▶ Ground Spike Included
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 3 Year Limited Warranty

CERTIFICATES



Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LFL20-6WW-KN-12V	12V AC/DC	6W	3000K	510 lm	35W MH
LFL20-6CW-KN-12V		6W	5000K	560 lm	35W MH

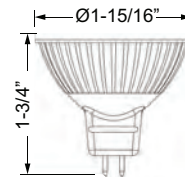
See Section I For More Low Voltage Lighting

H13 | LED Light Bulbs

LMR16-5W-D

PRODUCT FEATURES

- ▶ Wattage: 5W
- ▶ Voltage: 12V
- ▶ Base: GU5.3
- ▶ Housing: Plastic
- ▶ Ambient Operating Temp: -20°C / -4°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 36°
- ▶ Lens: Acrylic
- ▶ 1 Year Warranty

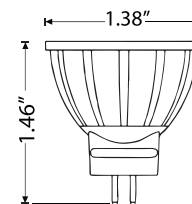


Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR16-5W-D-CW	80 lm/W	3000K	Cool White	400 lm	80+	35W MR16 Halogen
LMR16-5W-D-WW	80 lm/W	5000K	Warm White	400 lm	80+	35W MR16 Halogen

NEW LMR11-3W

PRODUCT FEATURES

- ▶ Wattage: 3W
- ▶ Voltage: 9~17V
- ▶ Base: GU4
- ▶ Operating Temp: -20°C / -4°F to 50°C / 122°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 38°
- ▶ 1 Year Warranty



Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR11-3W-WW	3000K	Warm White	180 lm	85	20W MR11 Halogen
LMR11-3W-CW	5000K	Cool White	180 lm	85	20W MR11 Halogen

NEW LBAY-3W-WW

PRODUCT FEATURES

- ▶ Wattage: 3W
- ▶ Voltage: 12~25VAC
- ▶ Base: BA 15S
- ▶ Operating Temp: -20°C / -4°F to 45°C / 113°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 360°
- ▶ 1 Year Warranty



Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LBAY-3W-WW	3000K	Warm White	290 lm	80	25W Bayonet

SCAN FOR MORE INFO



*LBAY

PRODUCT FEATURES

- ▶ Wattage: 1.6W
- ▶ Voltage: 12~25VAC
- ▶ Base: BA15S
- ▶ Ambient Operating Temp: -35°C / -31°F to 55°C / 131°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 360°
- ▶ 1 Year Warranty



Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LBAY-CW	4100K	Cool White	200 lm	75	20W Bayonet

NEW LJC-3W

PRODUCT FEATURES

- ▶ Wattage: 3W
- ▶ Voltage: 12~25VAC
- ▶ Base: G4
- ▶ Operating Temp: -20°C / -4°F to 45°C / 113°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 360°
- ▶ 1 Year Warranty



Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LJC-3W-WW	3000K	Warm White	300 lm	80	25W JC Bi-Pin
LJC-3W-CW	6000K	Cool White	300 lm	80	25W JC Bi-Pin

*LJC

PRODUCT FEATURES

- ▶ Wattage: 2W
- ▶ Voltage: 12~25VAC
- ▶ Base: G4
- ▶ Ambient Operating Temp: -35°C / -31°F to 55°C / 131°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 360°
- ▶ 1 Year Warranty



Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LJC-WW	3000K	Warm White	250 lm	75	20W JC Bi-Pin
LJC-CW	4100K	Cool White	250 lm	75	20W JC Bi-Pin

SCAN FOR MORE INFO



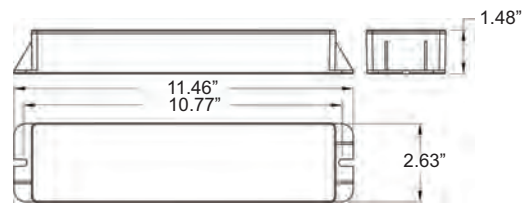
H15 | LED Emergency Ballasts

LBAL SERIES

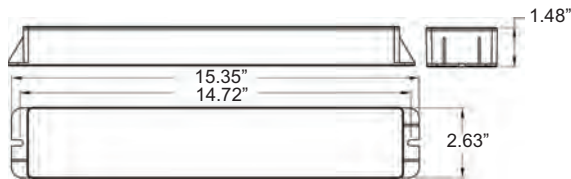
LED EMERGENCY LIGHTING BALLASTS

PRODUCT FEATURES

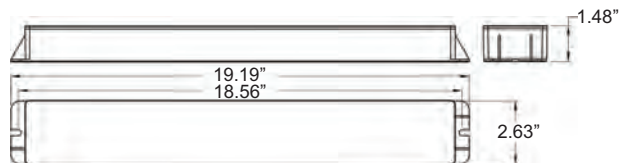
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Classified for field installation
- ▶ Suitable for Damp Location (0°C - 50°C)
- ▶ Provides constant power output to the load during emergency mode operation
- ▶ 90 minute minimum emergency operation over full temperature range
- ▶ Injection Molded, engineering grade, 5VA Flame Retardant, high-impact, thermoplastic
- ▶ Black finish
- ▶ Installs inside, on top, or in remote of the fixture
- ▶ Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- ▶ Can be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD
- ▶ Output classification: Class 2 Compliant
- ▶ Surge protection: Per C62.41 (TVS)
- ▶ Input overcurrent protection: Fusible Link
- ▶ LED illuminated and remote mounted test switch
- ▶ Charge/Power "ON" LED indicator light and push-to-test switch
- ▶ Maintenance-free, rechargeable NiCd Battery
- ▶ 24 Hour max battery recharge time
- ▶ 5 year warranty on electronics and housing
- ▶ Meets UL924, NFPA 101 Life Safety Code



LBAL800



LBAL1200 & 1600



LBAL2000 & 2400

Catalog No.	OUTPUT OPERATING RANGE		OUTPUT POWER		Input Current (A)	Input Power (W)
	Voltage (Vdc)	Current (mAdc)	System Wattage (Constant)	Lumens		
LBAL800	20 - 50	250 - 100	5	800	0.061	3.9
LBAL1200	20 - 50	390 - 156	7.8	1250	0.065	4.8
LBAL1600	20 - 50	535 - 214	10.7	1700	0.087	5.7
LBAL2000	20 - 50	685 - 274	13.7	2200	0.11	6.9
LBAL2400	20 - 50	850 - 340	17	2700	0.11	7.9

*Lumen output based on LED light source having efficacy of 160 lumens/watt. Actual output may vary depending on light source.

ORBIT LED LIGHTS COMPATIBILITY TABLE

LWP25-12W-CW	LWP25-12W-WW	LWP25-30W-CW
LCM7-40W-CW	LP741-30W-P-CW	-

Catalog No.	Voltage	System Wattage	Color Temp.	Lumens	Wattage Equiv.
LFL20-15W-CW-T	120~277V	15W	5000K	1,655 lm	50W MH
LFL20-15W-WW-T	120~277V	15W	3000K	1539lm	50W MH
LFL20-28W-CW-T	120~277V	28W	5000K	3021lm	100W MH
LFL20-28W-WW-T	120~277V	28W	3000K	2770lm	100W MH
LFL20-42W-CW-T	120~277V	42W	5000K	4487lm	150W MH
LFL20-42W-WW-T	120~277V	42W	3000K	4204 lm	150W MH
LFL3-10W-CW-KN	120~277V	10W	5000K	984lm	50W MH
LFL7-PM	POST MOUNT FOR LFL7 100W-300W, BRONZE				
LFL7-SF	2-3/8" I.D. SLIP FITTER WITH 180° ADJUSTABILITY FOR LFL7-100W TO 300W, BRONZE				
LFL7-T-100	Trunnion Mount for LFL7 100W, 150W, 230W				
LFL7-T-300	Trunnion Mount for LFL7 300W				
LFL8-150W-H-480V	277~480V	150W	5000K	23453lm	750W MH
LFL8-SF	2-3/8" I.D. SLIP FITTER WITH 180° ADJUSTABILITY FOR LFL8-80W TO 300W, BRONZE				
LFL8-T	TRUNNION MOUNT FOR LFL8-80W TO 300W, BRONZE				
LFL8-YK-230	Yoke Mount for LFL8 230W, 300W				
LUHB3-100W-CW-480V	277~480V	100W	5000K	13605lm	400W MH
LUHB3-150W-CW-480V	277~480V	150W	5000K	20658lm	750W MH
LUHB3-230W-CW-480V	277~480V	230W	5000K	31330lm	1000W MH
LUHB3-T-480V	Trunnion Mount for LUHB3 277~480V				
LWP2-30W-WW	120~277V	30W	3000K	2591lm	100W MH
MMS-R	MICROWAVE MOTION SENSOR, ROUND, 120~277V				
MMS-RC	REMOTE CONTROL FOR MMS-R, MMS-S MOTION SENSOR				
MMS-S	MICROWAVE MOTION SENSOR, STRAIGHT, 120~277V				

Visit www.orbitelectric.com for full product specifications



LFL20 Trunnion Mount



LFL3 Knuckle Mount



LFL8 Series 277~480V



LFL8-SF



LFL8-T



LFL8-YK



LUHB3 277~480V



LUHB3-T



LWP2-30W



MMS-R



MMS-S



MMS-RC

SCAN FOR MORE INFO



12V Landscape Lighting Quick Reference



B150SH



B151



B152



B153



B160SH



B102



B126



SS126



S126



B171



1071



1081



S121



S131



S130



1051



1021



1020



FG1021



FG1020



B610



6011



B103



B105



L2020B



L2030B



L2040B



B18S



B181C



B182C



B183C



B184C



B185C



B186C



B224



B225



S215

Landscape Lighting



S219



S224



S225



S121P



B114



C114



B107



B104



S220



S221



B5010



B5011



B5012



SS5010
SS5010M



SS5011
SS5011M



SS5012
SS5012M



AP



50PK



5010



5011



5012



5013



FG5010



FG5012



5113



5510



FG5110



12V Landscape Lighting Quick Reference



FG5410



FG5412



S530



5300S



5010S



5010R



L9013B



3011C



3018



B600C Series



B601C Series



B60H



B60H-LED



B700C Series



B701C Series



B70H



B70H-LED



7110C Series



7112C Series



7100H



7100H-LED



7121C Series



7122C Series



S710C Series



S711C Series



S710H-LED



S712C Series



S713C Series



S712H-LED-12V



7210C Series

Landscape Lighting



7212C Series



7210H



SS7011



SS7012



7011



7012



B7011



B7012



7050



7053



B510



B511



B512



SS510



SS511



SS512



FG505



SS5550



5500



SS5500



TRT-75-SS



TRT-300-BK



PC-1ST



TR-3HT



2033



2044



HL31-COP



HL31-ARB



LH150-SG



FGHL20



HL20S



FGHL38



5210



FG5210



FG5213



S710C



S711C



S712C



S713C



S710H-E26



S710H-LED-120V



VPB2



VPW2



CTL-F



CTL-105



CTL-200



CFL-105W



**CFL-200W
CFL-200W-277**



HHB1-MH400-PS



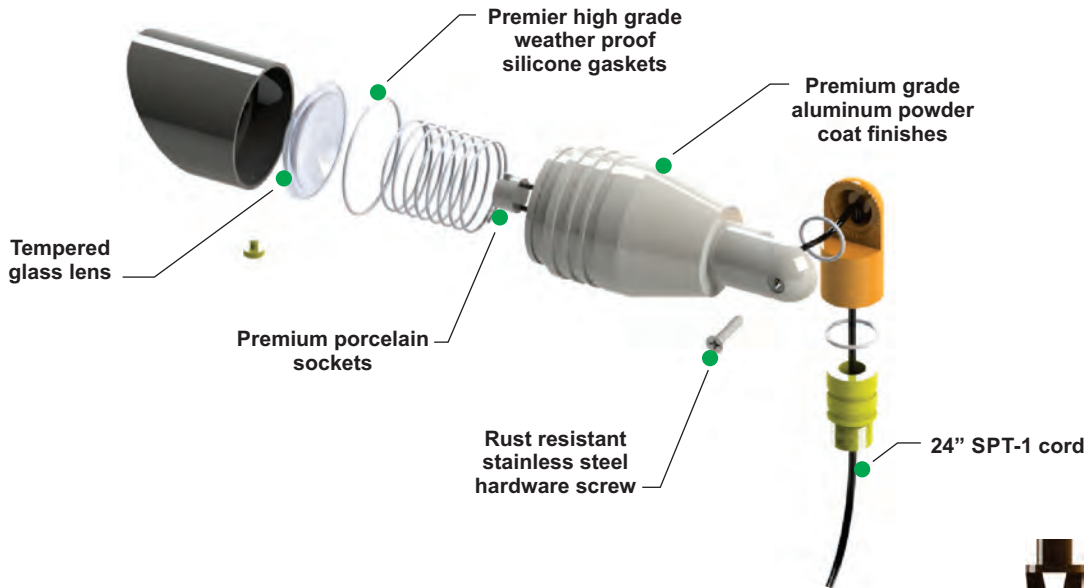
HHB1-WG2



HHB2-CH

H.I.D. Lighting

All Landscape Fixtures Include:



LMR16-5W-D-WW

OR



LBAY-3W-WW

OR



LJC-3W-WW



SWN-BK
Silicone Wire Nuts



GS-85
Heavy duty
PVC spikes



Look for the 'NOW LED' symbol for LED bulb-included products

*Unless otherwise specified

Extensive Variety of Fixture Constructions



Cast Brass



Aluminum



Stainless Steel



Fiberglass

- MR16, MR11, JC Bi-Pin & Bayonet 3000K LED bulbs INCLUDED. MR8 Halogen lamp INCLUDED
- PAR36 and other lamps NOT INCLUDED

LED 5000K or Halogen bulb available upon request

Disclaimer: Shape, Design, and Finish may change without prior notice

www.orbitelectric.com



Brass Finishes



Natural Brass
(NB)



Antique Brass
(AB)



Antique Bronze
(AZ)



Architectural Bronze
(ARB)



Aged (Acid) Green
(AG)

Aluminum Finishes



Verde Green
(VG)



Rust
(RU)



Sand
(SA)



Black
(BK)



Bronze
(BR)



Green
(GN)



White
(WH)

Landscape Lighting

NOW LED B150SH

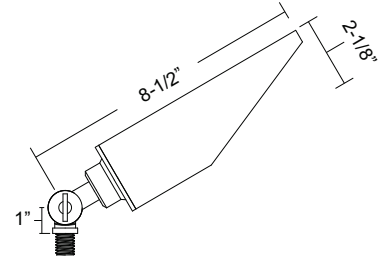
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



NOW LED B151

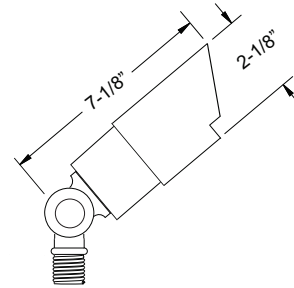
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



NOW LED B152

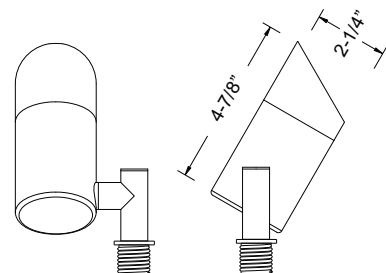
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



12 | 12V Directional Lights

NOW LED B153

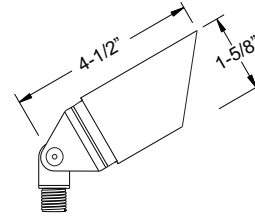
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR11 3W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



NOW LED B160SH

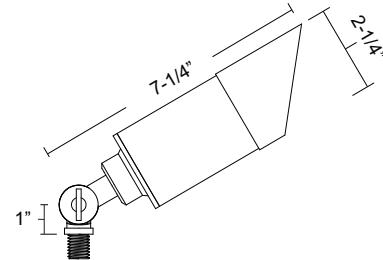
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



NOW LED *B102

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



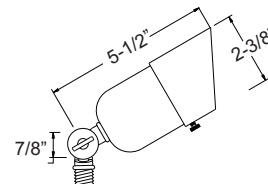
AZ



ARB



Shown In
Architectural Bronze



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*White Supplies Last

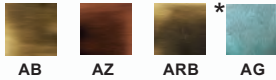


NOW LED B126

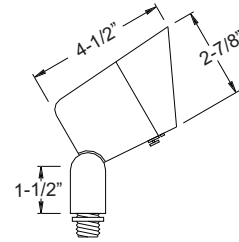
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



*Shown In
Antique Brass*

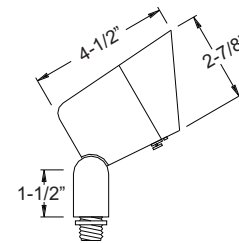


NOW LED SS126

PRODUCT FEATURES

- ▶ Stainless Steel
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH

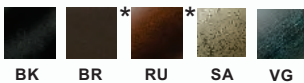


NOW LED S126

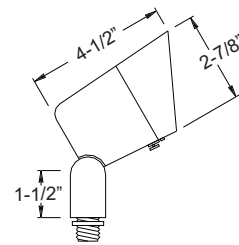
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



*Shown In
Rust*



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



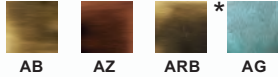
14 | 12V Directional Lights

NOW LED B171

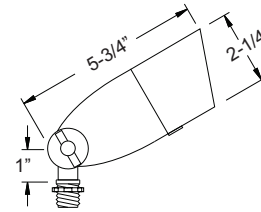
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In Architectural Bronze

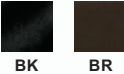


NOW LED 1071

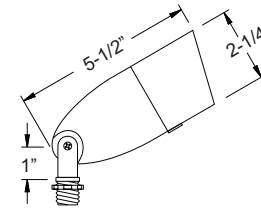
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Bronze

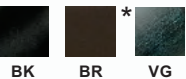


NOW LED 1081

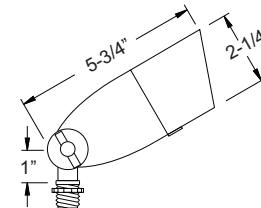
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Slip-On Cap with Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Black



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*While Supplies Last



NOW LED S121

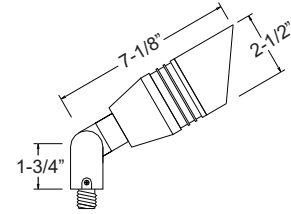
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Spring-Mounted Lamp Positioned Behind Lens
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Sand

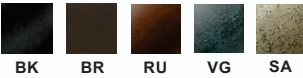


NOW LED S131

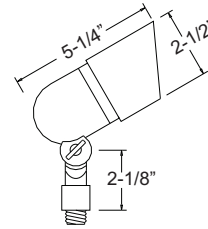
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Spring-Mounted Directional Hood
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Rust

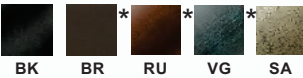


NOW LED S130

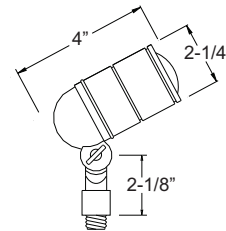
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Bronze



NOW LED *1051

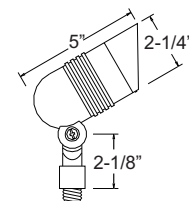
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Verde Green



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



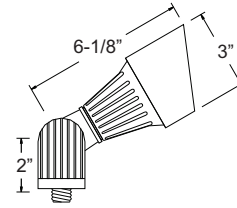
16 | 12V Directional Lights

NOW LED 1021

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

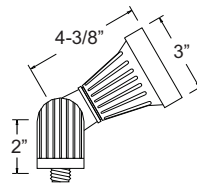


NOW LED 1020

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

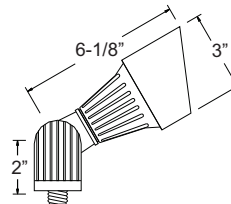


NOW LED FG1021

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES

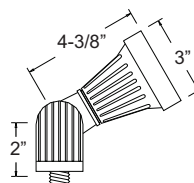


NOW LED FG1020

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



Landscape Lighting

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*While Supplies Last

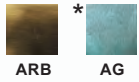


NOW LED B610

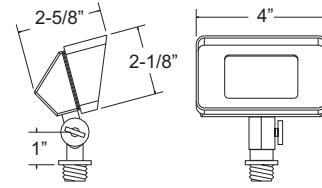
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In Architectural Bronze

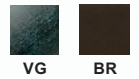


NOW LED 6011

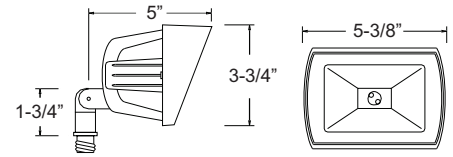
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Bronze

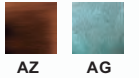


NOW LED *B103

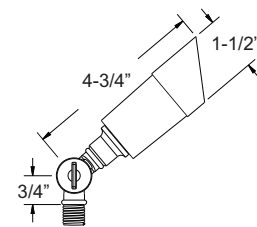
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR11 3W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In Antique Bronze

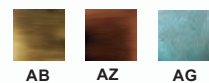


***B105**

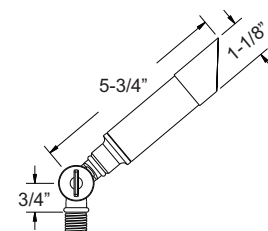
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR8 10W Lamp Included (20W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In Antique Bronze



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



*While Supplies Last



18 | 12V Pagoda Lights

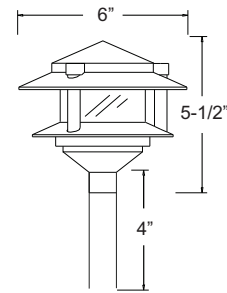
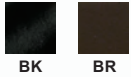


NOW LED L2020B

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ 2-Tier
- ▶ **Frosted** Glass Lens Only
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

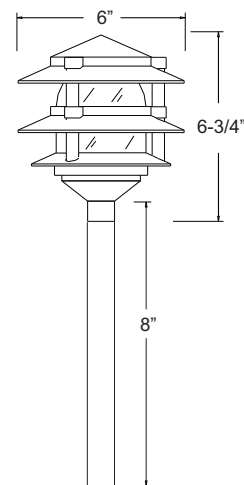
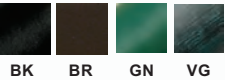


NOW LED L2030B

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (50W Max.)
- ▶ 3-Tier
- ▶ **Frosted** Glass Lens Standard, **Clear** Lens by Request
- ▶ GS-85 Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown in Black

Also Available in 120 Volts:
2033 on Page 138

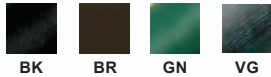
Replacement Glass
(PG-3 & PG-3-F)
available on Page 136

*2040

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ 4-Tier
- ▶ **Frosted** Glass Lens Standard, **Clear** Lens by Request
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

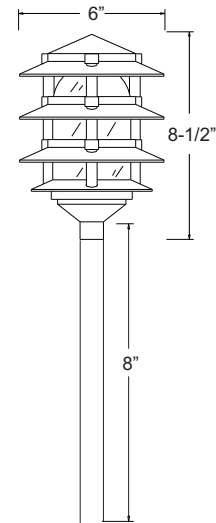


Also Available in 120 Volts:
2044 on Page I38

Replacement Glass
(PG-4 & PG-4-F)
available on Page I36



Shown in Black

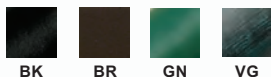


NOW LED L2040B

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (50W Max.)
- ▶ 4-Tier
- ▶ **Frosted** Glass Lens Standard, **Clear** Lens by Request
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

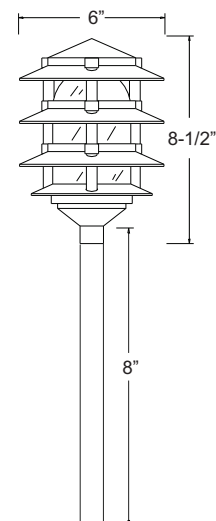


Also Available in 120 Volts:
2044 on Page I38

Replacement Glass
(PG-4 & PG-4-F)
available on Page I36



Shown in Black



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



I10 | 12V Path Lights



NOW LED B180 Series

PRODUCT FEATURES

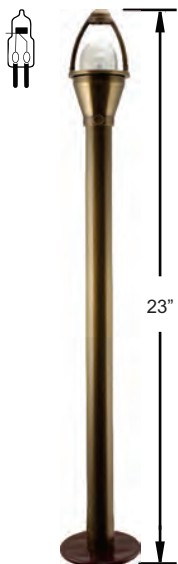
- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW)
LED Bulb Included (20W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

ORDERING GUIDE

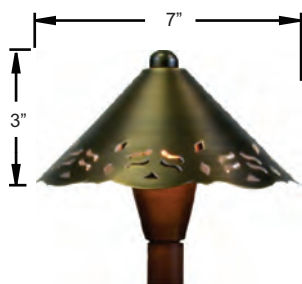
Sample Cat. No.:

1. Stem: **B18S-AB**
2. Lamp Shade Style: **B182C-AB**

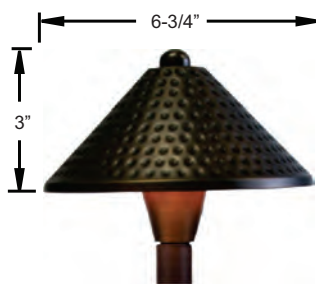
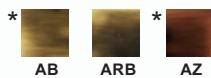
Order stem & shade separately



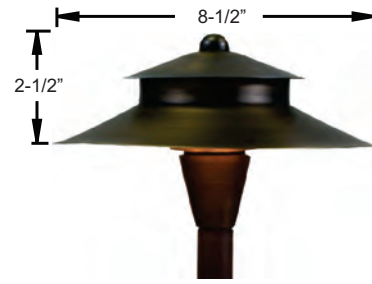
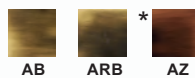
B18S
Stem Only



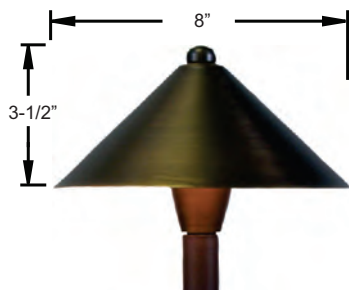
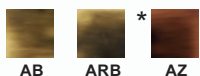
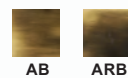
B181C
Shade Only



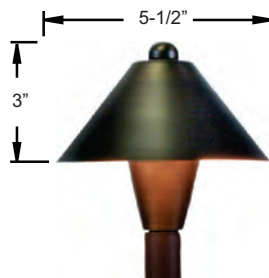
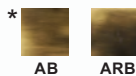
B182C
Shade Only



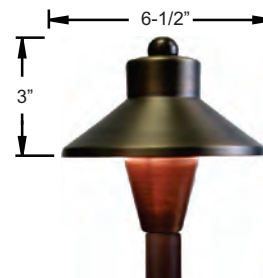
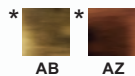
B183C
Shade Only



B184C
Shade Only



B185C
Shade Only



B186C
Shade Only



Landscape Lighting

NOW LED B224

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ Polycarbonate Lens
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISHES

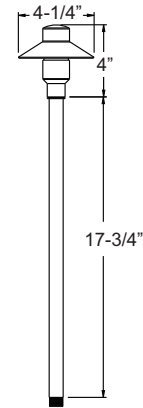


AZ

ARB



Shown in Antique Bronze

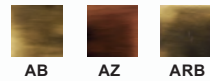


NOW LED B225

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ Polycarbonate Lens
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISHES



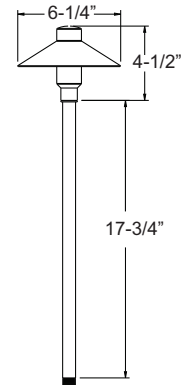
AB

AZ

ARB



Shown in Antique Brass

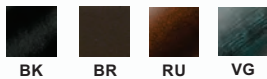


NOW LED S215

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



BK

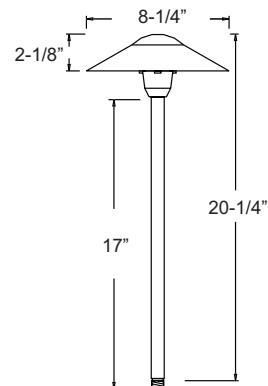
BR

RU

VG



Shown in Black



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



I12 | 12V Path Lights

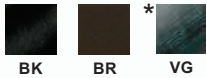


NOW LED S219

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

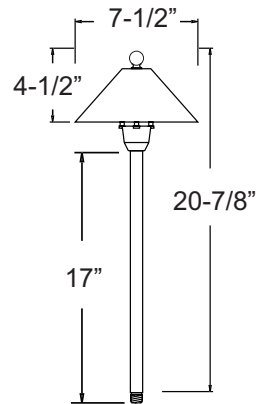
POWDER COATED FINISHES



BK BR VG



Shown in Black



NOW LED *S224

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ Twist-Off Shade for Easy Relamping
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

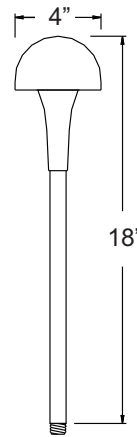
POWDER COATED FINISHES



RU VG SA



Shown in Verde Green

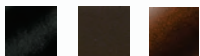


NOW LED S225

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ Twist-Off Shade for Easy Relamping
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

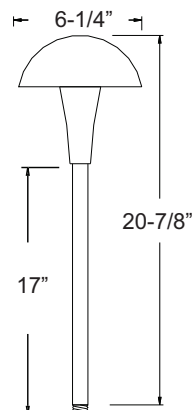
POWDER COATED FINISHES



BK BR RU



Shown in Black



Landscape Lighting

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*While Supplies Last

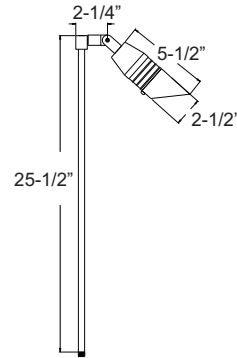
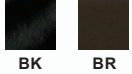


NOW LED S121P

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Spring-Mounted Lamp
- ▶ Positioned Behind Lens
- ▶ Convex Tempered Glass Lens
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

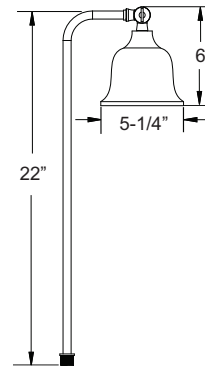


NOW LED B114

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISH

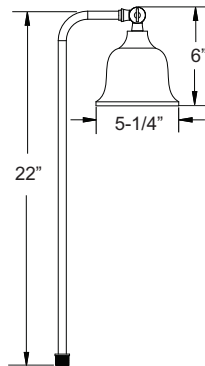


NOW LED *C114

PRODUCT FEATURES

- ▶ Solid Copper
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISH

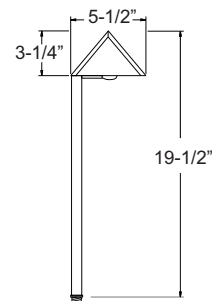


NOW LED *B107

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISH



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



I14 | 12V Path Lights

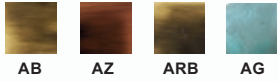


NOW LED *B104

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISHES



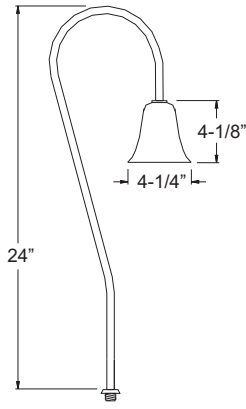
BPS04

PRODUCT FEATURES

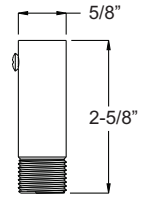
- ▶ Brass Path Light Stem Support
- ▶ Fits 1/2" Threads



Shown in Antique Brass



BPS04

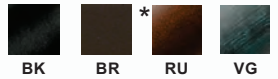


NOW LED S220

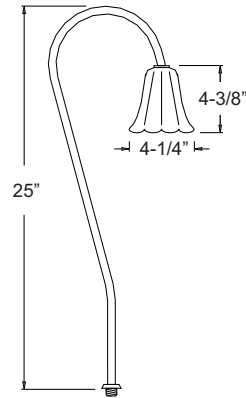
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown in Black



NOW LED *S221

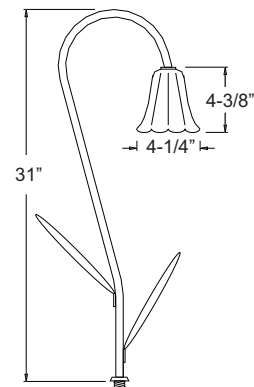
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown in Bronze



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*While Supplies Last



NOW LED **B5010 Series**

PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISH



Brass



B5010



***B5011**



B5012

NOW LED **SS5010 Series**
SS5010M Series

PRODUCT FEATURES

- ▶ **SS5010 Series:**
Cast Grade 304 Stainless Steel
- ▶ **SS5010M Series:**
Cast Marine Grade 316 Stainless Steel
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISHES



Natural Stainless Steel
SS5010 Series



Premium Stainless Steel
SS5010M Series



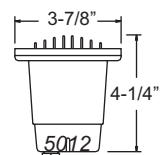
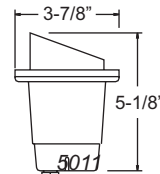
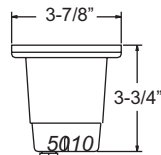
SS5010
SS5010M



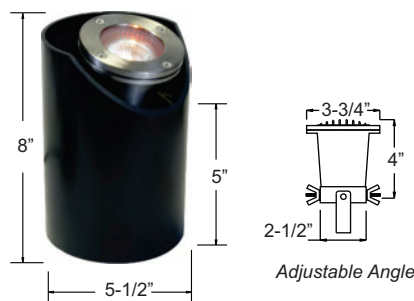
***SS5011**
***SS5011M**



***SS5012**
***SS5012M**



MOUNTING OPTIONS



AP Shown in SS5010AP

To receive the Well Light pre-installed in an adjustable Sleeve, add "AP" to the end of the item #.



50PK Shown in B5010-50PK

To receive the Fixture with a Slip-On PVC Spike, add "50PK" to the end of the item #.



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



I16 | 12V Well Lights



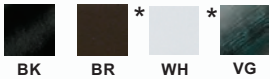
NOW LED 5010 Series



PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ 5010, 5012, & 5011: MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ 5013: JC Bi-Pin 3W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

POWDER COATED FINISHES



5010

5011

5012

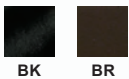
5013

NOW LED FG5010 Series

PRODUCT FEATURES

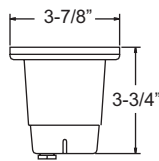
- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISHES

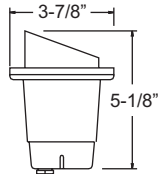


FG5010

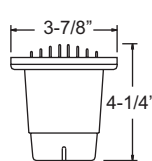
FG5012



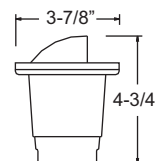
FG/5010



5011



FG/5012



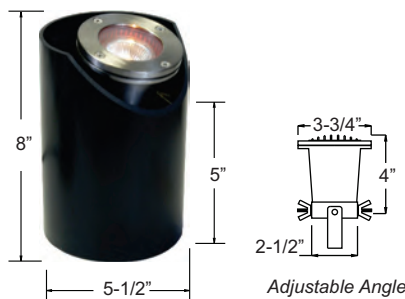
5013

MOUNTING OPTIONS



5010-BRACKET

- ▶ Black Finish
- ▶ Compatible with 5010 Series Well Lights



AP

Shown in SS5010AP

To receive the Well Light pre-installed in an adjustable Sleeve, add "AP" to the end of the item #.



50PK

Shown in B5010-50PK

To receive the Fixture with a Slip-On PVC Spike, add "50PK" to the end of the item #.

5110 Series

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.) LED Bulb Compatible
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

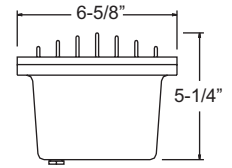
POWDER COATED FINISH



BK



***5113**



FG5110

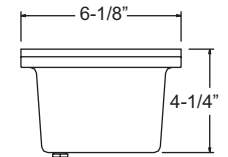
PRODUCT FEATURES

- ▶ Fiberglass
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.) LED Bulb Compatible
- ▶ Tempered Glass Lens
- ▶ 24" SJT Cord

FINISH



BR



NEW LED FG5400 Series

PRODUCT FEATURES

- ▶ PBT Composite Injection Molded
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Direction Lamp Bracket Tilts $\pm 25^\circ$
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISHES



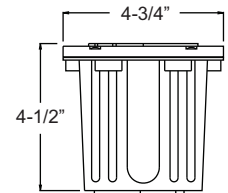
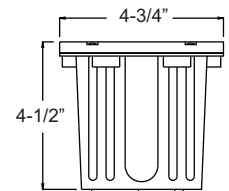
BK



FG5410



FG5412



NEW LED 5510

PRODUCT FEATURES

- ▶ Solid Aluminum
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

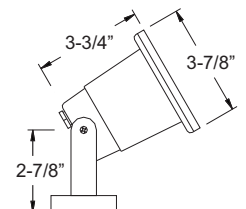
POWDER COATED FINISHES



BK



WH



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



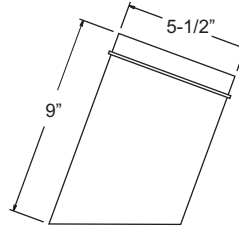
I18 | 12V Well Lights



*S530

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.) LED Bulb Compatible
- ▶ Stainless Steel Components
- ▶ 36" 18/2 SPT1 Wire



S530-COVER
Replacement Brass
Frame with Glass Lens

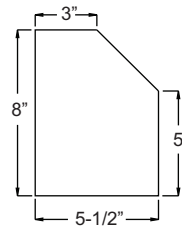


**Stainless Steel
Gimbel Included**

5300S

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.) LED Bulb Compatible
- ▶ Reversible PVC Fixture
- ▶ 36" 18/2 SPT1 Wire



**Optional
53L Louver**



**Shown Installed
on 5300S**

53L

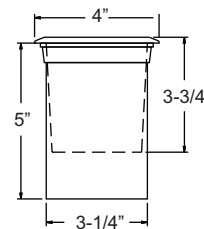
PRODUCT FEATURES

- ▶ Optional Louver for 5300S
- ▶ Bronze Finish

NOW LED 5010S

PRODUCT FEATURES

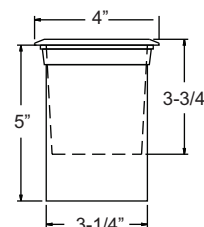
- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Square Stainless Steel Cover on PVC Sleeve
- ▶ 24" SJT Cord



NOW LED 5010R

PRODUCT FEATURES

- ▶ 12 Volts
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Round Stainless Steel Cover on PVC Sleeve
- ▶ 24" SJT Cord



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*While Supplies Last



L9013B

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ 18" Cable & Chain

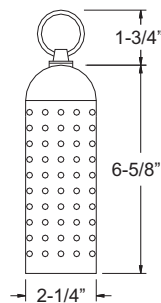
POWDER COATED FINISHES



BK VG



Shown In Black



3011C

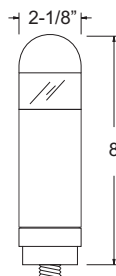
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR11 3W 3000K (WW) LED Bulb Included (10W Max.)
- ▶ Clear Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISH



BK



3018

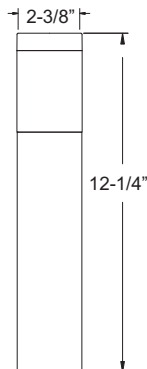
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ T15 11W Lamp Included (20W Max.)
- ▶ Frosted Plastic Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISH



BK



LED 5000K or Halogen bulb available upon request

www.orbitelectric.com



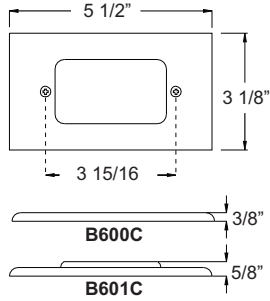
I20 | 12V Step Lights



B60 Series

COVER PLATES

- ▶ Solid Brass (AB, NB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket

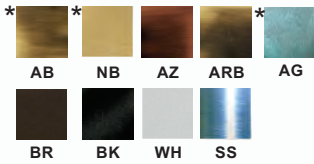


B600C-AB
Shown Installed
Antique Brass



B601C-AZ
Shown Installed
Antique Bronze

B600C FINISHES



B600C-AG
Aged Green



B600C-ARB
Architectural
Bronze

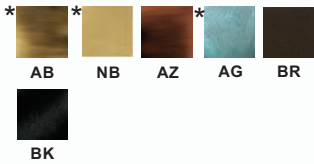


B600C-SS
Stainless Steel



B600C-WH
White

B601C FINISHES



B601C-BK
Black

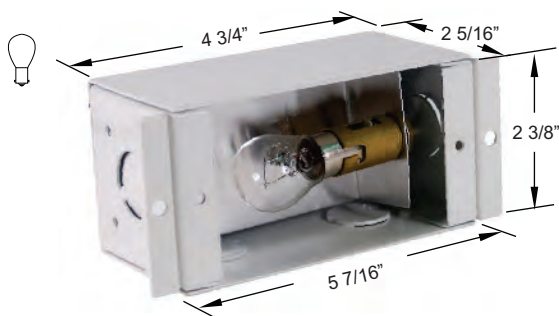


B601C-NB
Natural Brass



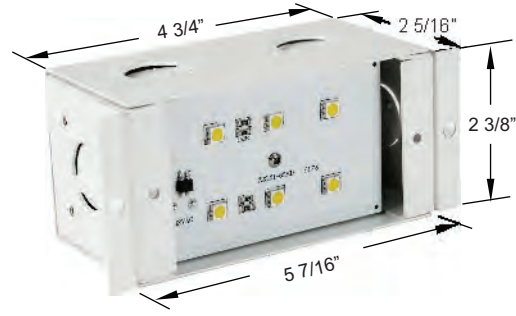
B601C-BR
Bronze

Order housing & coverplate separately



B60H HOUSING

- ▶ 12 Volts
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ Use with B600C or B601C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges



B60H-LED HOUSING

- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ 1.5W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with B600C or B601C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges

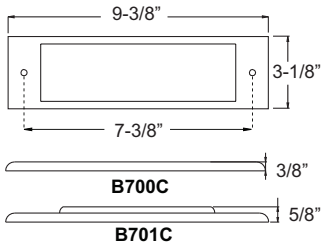


Landscape Lighting

B70 Series

COVER PLATES

- ▶ Solid Brass (AB, NB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket

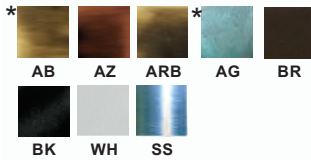


B700C-SS
Shown Installed
Stainless Steel



B701C-ARB
Shown Installed
Architectural
Bronze

B700C FINISHES



B700C-WH
White

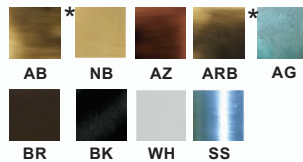


B700C-BR
Bronze



B700C-BK
Black

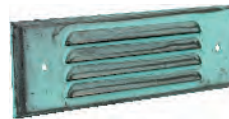
B701C FINISHES



B701C-AZ
Antique Bronze



B701C-AB
Antique Brass

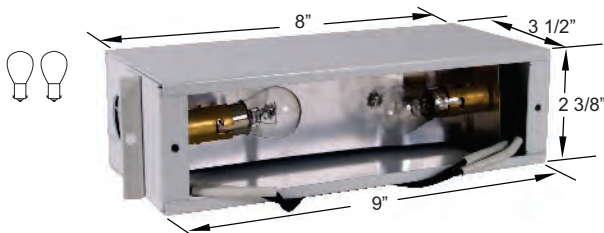


B701C-AG
Aged Green



B701C-NB
Natural Brass

Order housing & coverplate separately



B70H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ Bayonet 2 X 18W (36W)
- ▶ Lamp Included (52W Total Max.)
- ▶ Use with B700C or B701C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges



B70H-LED HOUSING

- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ 4W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with B700C or B701C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges



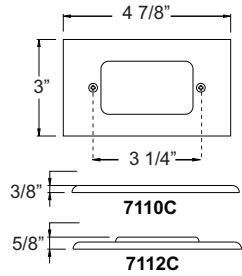
*While Supplies Last



7100 Series

COVER PLATES

- ▶ Solid Brass (AB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket

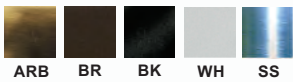


7110C-BK
Shown Installed
Black



7112C-WH
Shown Installed
White

7110C FINISHES

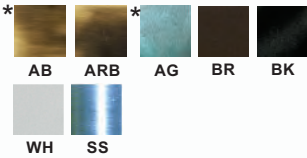


7110C-BR
Bronze



7110C-SS
Stainless Steel

7112C FINISHES



7112C-AB
Antique Brass

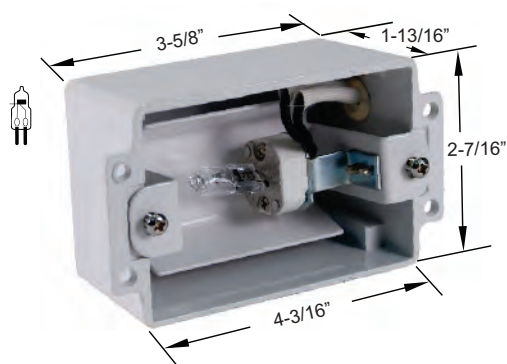


7112C-ARB
Architectural
Bronze



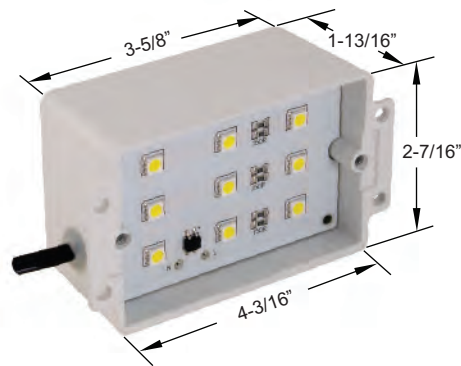
7112C-AG
Aged Green

Order housing & coverplate separately



7100H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



7100H-LED HOUSING

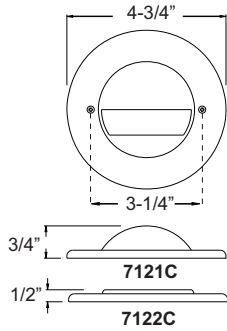
- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 2W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



712 Series

COVER PLATES

- ▶ Solid Brass (AB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket



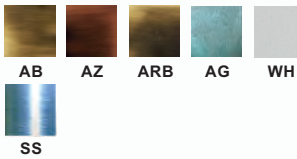
7121C-SS

Shown Installed
Stainless Steel

7122C-BK

Shown Installed
Black

*7121C FINISHES

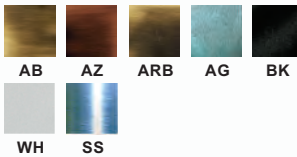


7121C-AG
Aged Green



7121C-WH
White

*7122C FINISHES



7122C-AB
Antique Brass

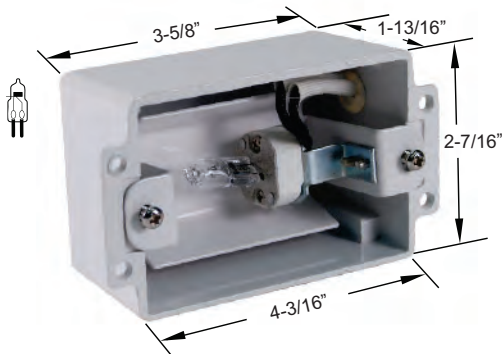


7122C-AZ
Antique Bronze



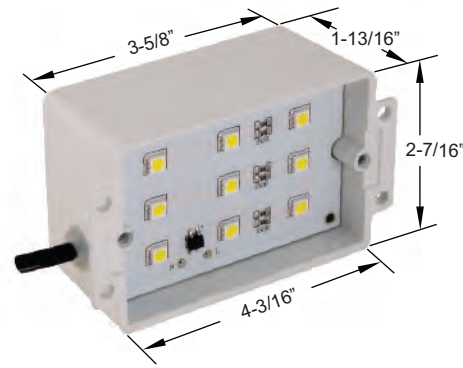
7122C-ARB
Architectural
Bronze

Order housing & coverplate separately



7100H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



7100H-LED HOUSING

- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 2W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



*While Supplies Last

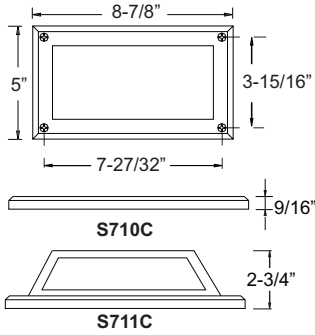
I24 | 12V Step Lights



S710 Series

COVER PLATES

- ▶ Powder Coated Cast Aluminum
- ▶ Silicone Gasket

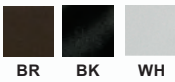


S710C-BK
Shown Installed
Black



S711C-BR
Shown Installed
Bronze

S710C FINISHES

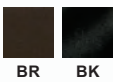


S710C-BR
Bronze



S710C-WH
White

S711C FINISHES

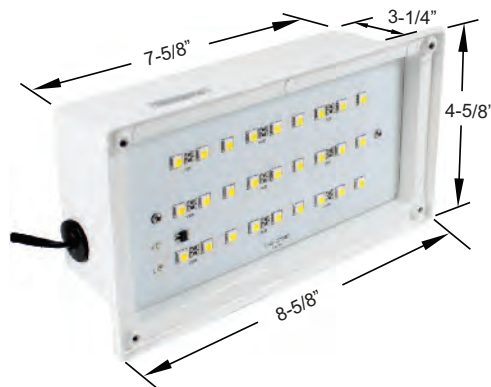


S711C-BK
Black

Order housing & coverplate separately

S710H-LED HOUSING

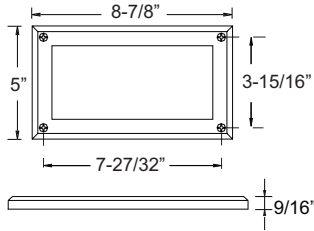
- ▶ 12V (**S710H-LED-12V**)
- ▶ 120V (**S710H-LED-120V**)
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 5.7W Input Power
- ▶ Color Temp: 4700K
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Use with S710C, S711C or S713C



S710 Series

COVER PLATES

- ▶ Powder Coated Cast Aluminum
- ▶ Silicone Gasket

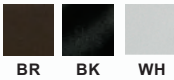


S713C-BR
Shown Installed
Bronze



S712C-BR
Shown Installed
Bronze

S712C FINISHES

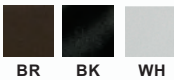


S712C-BK
Black



S712C-WH
White

S713C FINISHES

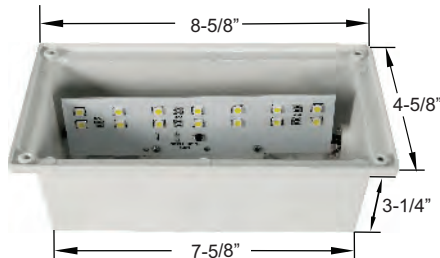


S713C-BK
Black



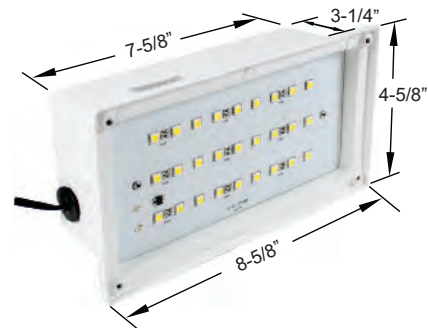
S713C-WH
White

Order housing & coverplate separately



S712H-LED-12V HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 3.37W Input Power
- ▶ Color Temp: 4000K
- ▶ Use with S712C Only



S710H-LED HOUSING

- ▶ 12V (**S710H-LED-12V**)
- ▶ 120V (**S710H-LED-120V**)
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 5.7W Input Power
- ▶ Color Temp: 4700K
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Use with S710C, S711C or S713C



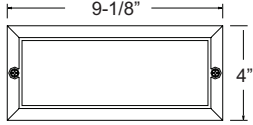
I26 | 12V Step Lights



7210 Series

COVER PLATES

- ▶ Powder Coated Cast Aluminum
- ▶ Silicone Gasket

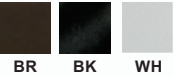


7210C-BK
Shown Installed
Black



7212C-BR
Shown Installed
Bronze

7210C FINISHES

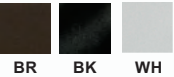


7210C-BR
Bronze



7210C-WH
White

7212C FINISHES



7212C-BK
Black

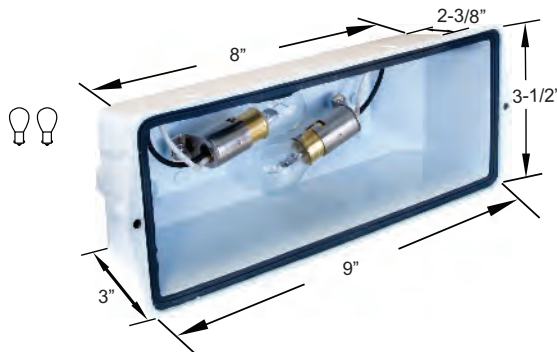


7212C-WH
White

Order housing & coverplate separately

7210H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ Bayonet 2 X 18W (36W) Lamp Included
- ▶ Use with 7210C and 7212C Only



Landscape Lighting



SURFACE STEP LIGHTS

PRODUCT FEATURES

- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)

STAINLESS STEEL COATED CAST BRASS



SS



SS7011



***SS7012**

POWDER COATED FINISHES

- ▶ Cast Aluminum



BK



BR



WH



VG



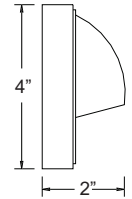
7011

Shown in *Black*

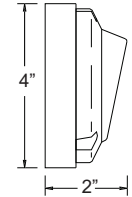


***7012**

Shown in *Bronze*



7011



7012

SOLID CAST BRASS FINISHES

*



NB



ARB

- ▶ B7012 only available in ARB Finish



B7011

Shown in *Architectural Bronze*



***B7012**

Shown in *Natural Brass*



MINI SURFACE WALL LIGHTS

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 3W 3000K (WW) LED Bulb Included (20W Max.)
- ▶ Frosted Glass

POWDER COATED FINISHES



BK



BR



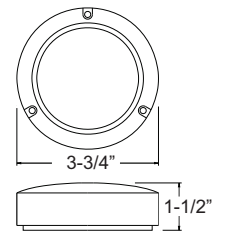
***7050**

Shown in *Black*



***7053**

Shown in *Bronze*



*While Supplies Last

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com





NOW LED **B510**

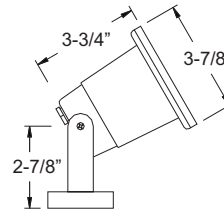
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



NOW LED ***B511**

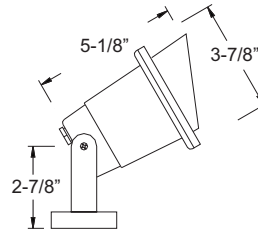
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



NOW LED **SS510**

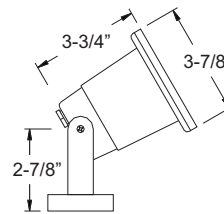
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Stainless Steel Fittings

FINISH



SS



NOW LED ***SS511**

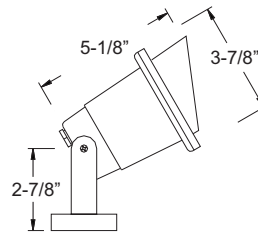
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 5W 3000K (WW) LED Bulb Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Stainless Steel Fittings

FINISH



SS



Landscape Lighting

LED 5000K or Halogen bulb available upon request

www.orbitelectric.com

*While Supplies Last



*FG505

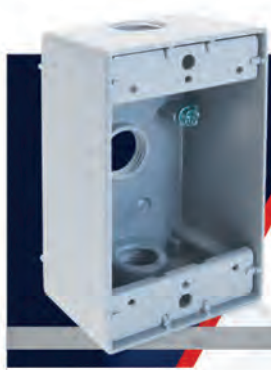
PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ Three Underwater Lights Kit
- ▶ MR11 20W Lamp Included (20W Max.)
- ▶ Tempered Glass
- ▶ 20-FT. SJT Power Cord
- ▶ AC Adapter Included
- ▶ 4 Colored Lenses Per Fixture (Red, Green, Yellow & Blue)
- ▶ Brass or Stainless Steel Fittings

FINISH



BK



FULL LINE OF WEATHERPROOF PRODUCTS

AVAILABLE ON OUR WEBSITE OR IN THE **C** SECTION

Landscape Lighting



*While Supplies Last

www.orbitelectric.com



I30 | 12V Underwater Lights



*SS5550

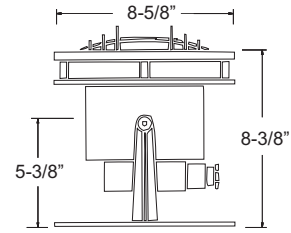
PRODUCT FEATURES

- ▶ Solid Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ PAR56 Lamp Not Included (300W Max) LED Bulb Compatible
- ▶ 30-FT. SJT Power Cord
- ▶ ABS Plastic Lens Guard

FINISH



SS



5500

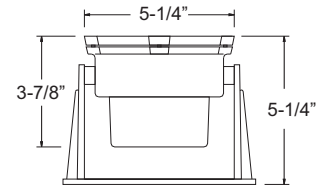
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ PAR36 Lamp Not Included (75W Max) LED Bulb Compatible
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



*SS5500

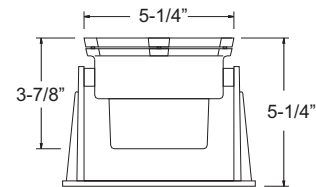
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ PAR36 Lamp Not Included (75W Max) LED Bulb Compatible
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



SS



Landscape Lighting

Professional Series

PRODUCT FEATURES

- ▶ Primary Voltage: 120 Volts
- ▶ Secondary Voltage: 12/13/14/15 Volts
- ▶ Frequency: 50/60 Hz
- ▶ Stainless Steel: SS304 Grade
- ▶ Black: Powder Coated CRCA Steel
- ▶ Core Type: E&I
- ▶ Insulation Class: H
- ▶ Circuit Breaker Protection
- ▶ Sealed in Epoxy Compound
- ▶ Timer and Photo Cell Ready
- ▶ Add "-TP" to end of item # to order Transformer with Timer & Photocell included

**12V~15V Multi-Tap
with Plug-In cord**

Transformer Only	Transformer with Timer & Photocell Installed	Finish	Max. Wattage	Dimension (L x W x H)
TRT-75-SS	TRT-75-SS-TP	Stainless Steel	75W	18.976" x 5.35" x 5.629"
TRT-75-BK	TRT-75-BK-TP	Black	75W	
TRT-100-SS	TRT-100-SS-TP	Stainless Steel	100W	
TRT-100-BK	TRT-100-BK-TP	Black	100W	
TRT-150-SS	TRT-150-SS-TP	Stainless Steel	150W	
TRT-150-BK	TRT-150-BK-TP	Black	150W	
TRT-300-SS	TRT-300-SS-TP	Stainless Steel	300W	19.055" x 6.496" x 5.905"
TRT-300-BK	TRT-300-BK-TP	Black	300W	
TRT-600-SS	TRT-600-SS-TP	Stainless Steel	600W	
TRT-600-BK	TRT-600-BK-TP	Black	600W	
TRT-900-SS	TRT-900-SS-TP	Stainless Steel	900W	
TRT-900-BK	TRT-900-BK-TP	Black	900W	



Shown in
Stainless Steel



Shown in
Stainless Steel w/ Cover



Shown in
Black



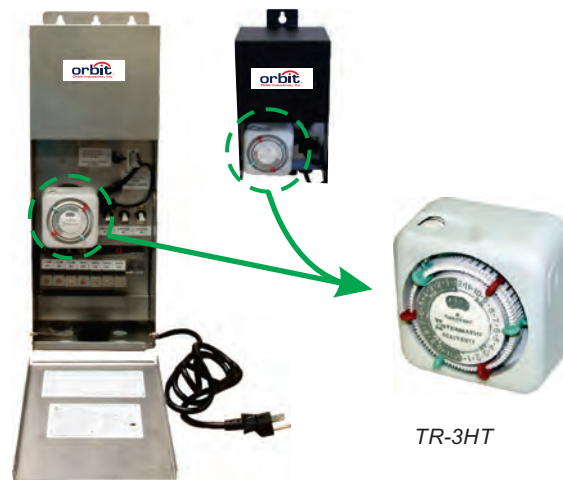
Shown in
Black

Transformer Accessories

Cat. No.	Description	Specs
PC-1ST	Plug-In Swivel-Type Photocell	1200W Tungsten/1000VA Ballast, 1.5VA, 10~20 Lx On/30~60 Lx Off
TR-3HT	Plug-In 24-HR Timer	125VAC, 60HZ, 15A, 1750W 24HR 3 On/Off Settings



PC-1ST



TR-3HT



132 | 12V Light Bulbs



Cat. No.	Description	Voltage	Wattage	Base	Life (Hrs.)	Std. Pkg.
LJC-3W-WW NEW	LED-JC Bi-Pin, WW(3000K)	12V	3W	G4	25000	1
LJC-3W-CW NEW	LED-JC Bi-Pin, CW(4100K)	12V	3W	G4	25000	1
*LJC-WW	LED-JC Bi-Pin, WW(3000K)	12V	1.7W	G4	30000	1
*LJC-CW	LED-JC Bi-Pin, CW(4100K)	12V	1.7W	G4	30000	1
LBAY-3W-WW NEW	LED-Bayonet, WW(3000K)	12V	3W	BA15S	25000	1
*LBAY-CW	LED-Bayonet, CW(4100K)	12V	1.1W	BA15S	30000	1
LMR16-5W-D-WW	LED MR16 Dimm. bulb, 36° Flood, WW(3000K)	12V	5W	GU5.3	25000	10
LMR16-5W-D-CW	LED MR16 Dimm. bulb, 36° Flood, CW(5000K)	12V	5W	GU5.3	25000	10
LMR11-3W-WW NEW	LED MR11 Bulb, 38° Beam Angle, WW (3000K)	12V	3W	GU4	25000	1
LMR11-3W-CW NEW	LED MR11 Bulb, 38° Beam Angle, CW (4100K)	12V	3W	GU4	25000	1
1141	Incandescent AutoLamp	12V	18W	BA15s	1000	20
*1156	Incandescent AutoLamp	12V	26W	BA15s	1000	20
*10MR8	MR8 Halogen, 21° Beam Angle	12V	10W	GZ4	1000	20
*20MR8	MR8 Halogen, 21° Beam Angle	12V	20W	GZ4	1000	20
BAB/OS	MR16 Halogen, 38° Beam Angle	12V	20W	GU5.3	2000	10
BAB/OSL	MR16 Halogen, 38° Flood, with Clear Lens	12V	20W	GU5.3	2000	10
EXN/OSL	MR16 Halogen, 38° Flood, with Clear Lens	12V	50W	GU5.3	2000	10
*EXN-BU	MR16 Halogen, 40° Flood-Blue	12V	50W	GU5.3	2000	10
*EXN-GN	MR16 Halogen, 40° Flood-Green	12V	50W	GU5.3	2000	10
*EXN-YE	MR16 Halogen, 40° Flood-Yellow	12V	50W	GU5.3	2000	10
EXT/GE	MR16 Halogen, 12° Narrow Spot	12V	50W	GU5.3	2000	10
FMW/OS	MR16 Halogen, 36° Flood	12V	35W	GU5.3	2000	10
FMW/OSL	MR16 Halogen, 36° Flood, with Clear Lens	12V	35W	GU5.3	2000	10
FTD	MR11 Halogen, 30° Flood	12V	20W	GZ4	1500	10
FTH	MR11 Halogen, 30° Flood	12V	35W	GZ4	1500	10
JC-10	JC Halogen	12V	10W	G4	1500	20
JC-20/OS	JC Halogen	12V	20W	G4	2000	20
JC-35/OS	JC Halogen	12V	35W	GY6.35	2000	20
JC-50/OS	JC Halogen	12V	50W	GY6.35	2000	20
*PAR36/CAP/50FL	PAR36, 36° Flood	12V	50W	Screw Terminal	3500	10
*PAR36/CAP/50SP	PAR36, 8° Narrow Spot	12V	50W	Screw Terminal	3500	10
*PAR56/300WFL	PAR56, 40 Wide Flood	12V	300W	Screw Terminal	2000	10

Landscape Lighting

NEW



LJC-3W-WW
LJC-3W-CW



*LJC-WW
*LJC-CW

NEW



LBAY-3W-WW



*LBAY-CW



LMR16-5W-D-WW
LMR16-5W-D-CW

NEW



LMR11-3W-WW
LMR11-3W-CW



1141
*1156



*10MR8
*20MR8



BAB/OS
FMW/OS
EXT/GE
*EYF



BAB/OSL
FMW/OSL
EXN/OSL



*EXN-YE



*EXN-RD



*EXN-GN



*EXN-BU



FTD
FTH



JC-10
JC-20/OS
JC-35/OS
JC-50/OS



*PAR36/CAP/50FL
*PAR36/CAP/50SP



*PAR56/300WFL

Landscape Lighting

*While Supplies Last



GS-85

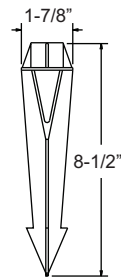
PRODUCT FEATURES

- ▶ 8-1/2" Professional PVC Spike
- ▶ 1/2" Thread

COLOR



BR



GS-10 Super Spike

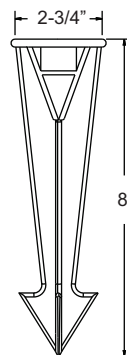
PRODUCT FEATURES

- ▶ 8" Heavy Duty PVC Spike
- ▶ 1/2" Thread

COLOR



BR



50PK

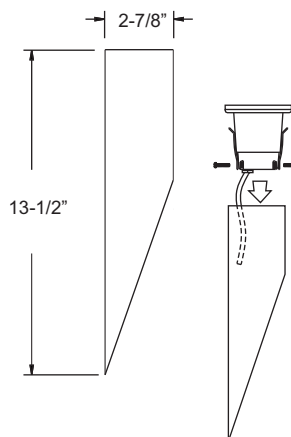
PRODUCT FEATURES

- ▶ 13-1/2" Optional Slip-On PVC Kit
- ▶ Outside Diameter: 3-1/4"
- ▶ Inner Diameter: 2-7/8"
- ▶ Schedule 80
- ▶ Stainless Steel Mounting Brackets and Hardware Included

COLOR



BR

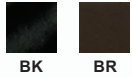


PP2

PRODUCT FEATURES

- ▶ PVC Post
- ▶ Outside Diameter: 2-3/8"
- ▶ Height: 15-1/2"
- ▶ Schedule 80
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Stabilizing PVC Fins Included

FINISHES



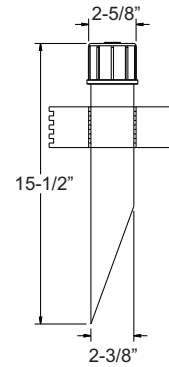
BK

BR



PP2

Shown In
Black

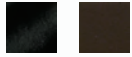


PPCA

PRODUCT FEATURES

- ▶ Optional 2" Dia. Cast Aluminum Cap
- ▶ Use with PP2
- ▶ Includes Set Screws & Bare Copper Ground Wire

FINISHES



BK

BR



PPCA

PP2A

PRODUCT FEATURES

- ▶ PVC Post with Cast Aluminum Cap
- ▶ Diameter: 2"
- ▶ Outside Diameter: 2-3/8"
- ▶ Height: 15-1/2"
- ▶ Schedule 80
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Stabilizing PVC Fins Included

FINISHES



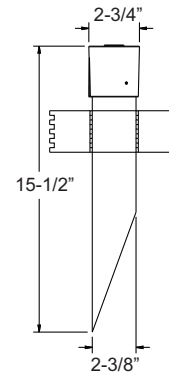
BK

BR



PP2A

Shown in
Bronze



PP250

PRODUCT FEATURES

- ▶ PVC Post with
- ▶ Diameter: 2-1/2"
- ▶ Outside Diameter: 2-7/8"
- ▶ Height: 18-1/2"
- ▶ Schedule 80
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Stabilizing PVC Fins Included

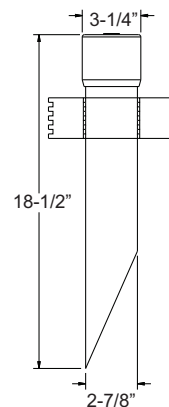
FINISHES



BK



PP250



PP250-CAP

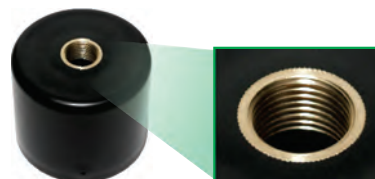
PRODUCT FEATURES

- ▶ Replacement Cap for PP250
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Brass Bushing

FINISHES



BK



PP250-CAP

I36 | Low Voltage Accessories



Cat. No.	Description	Colors Available	Std. Pkg.
CO-1	Rectangle MR16 Socket with 10" Lead	White	10
CO-2	Round MR16 Socket with 10" Lead	White	10
SWN-BK	Silicone Wire Nut	Black	2
CO-3T	12V Rectangular Snap Connector for LVC Main 10/2, 12/2, or 14/2 to 16/2, 18/2	Black	10
CO-4	12V Screw-in Connector for LVC Main 10/2, 12/2, 14/2, 16/2, or 18/2	Black	10
RN-50-C	1/2" Galvanized Close Nipple	Natural	10
A121	90° Adapter, Cast Aluminum	BK, BR, GN, VG, WH	10
BPS04	Brass Path Light Stem Support	Brass	1
BASE-R	Round Surface-Mount Bracket 1/2" Female, Cast Aluminum	BK, BR, GN, VG, WH	10
*BASE-SB	Round Surface-Mount Bracket 1/2" Female, Solid Brass	AB, AG	10
TB-LV	Tree-Hugger Canopy, Low-Voltage	BR, GN, VG, WH	1
PG-2-F	2-Tier Pagoda Replacement Jar	Frosted	1
PG-3	3-Tier Pagoda Replacement Jar	Clear	1
PG-3-F	3-Tier Pagoda Replacement Jar	Frosted	1
PG-4	4-Tier Pagoda Replacement Jar	Clear	1
PG-4-F	4-Tier Pagoda Replacement Jar	Frosted	1
EW-4	4" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-8	8" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-13	13" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-18	18" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-25	25" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG, WH	10
RS-9	9" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
RS-15	15" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
RS-22	22" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
RS-31	31" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
LVC-8	8/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-10	10/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-12	12/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-14	14/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-16	16/2 Low-Voltage Direct Burial Cable	BK	500(ft.)

Landscape Lighting



CO-1



CO-2



SWN-BK



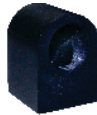
CO-3T



CO-4



RN-50-C



A121



BPS04



BASE-R



BASE-SB



TB-LV



PG-2-F
PG-3-F
PG-4-F



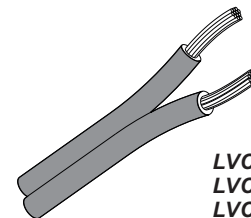
PG-3
PG-4



EW-4
EW-8
EW-13
EW-18
EW-25



RS-9
RS-15
RS-22
RS-31



LVC-8
LVC-10
LVC-12
LVC-14
LVC-16

Landscape Lighting

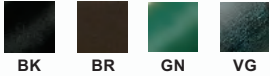


2033

PRODUCT FEATURES

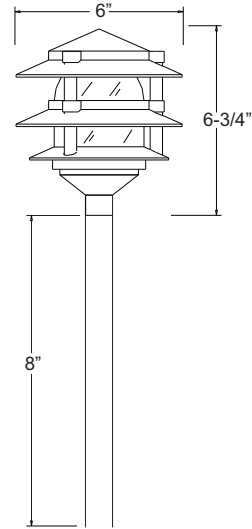
- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
LED Bulb Compatible
- ▶ Cast Aluminum
- ▶ 3-Tier
- ▶ **Frosted** Glass Lens Standard,
Clear by Request

POWDER COATED FINISHES



*Also Available in 12 Volts:
2030 on Page 18*

*Replacement Glass
(PG-3 & PG-3-F)
available on Page 136*



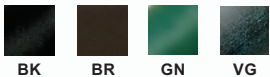
Shown In Black

2044

PRODUCT FEATURES

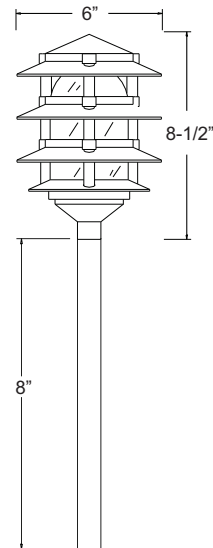
- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
LED Bulb Compatible
- ▶ Cast Aluminum
- ▶ 4-Tier
- ▶ **Frosted** Glass Lens Standard,
Clear by Request

POWDER COATED FINISHES



*Also Available in 12 Volts:
2040 on Page 19*

*Replacement Glass
(PG-4 & PG-4-F)
available on Page 136*



Shown In Black

*HL31-COP

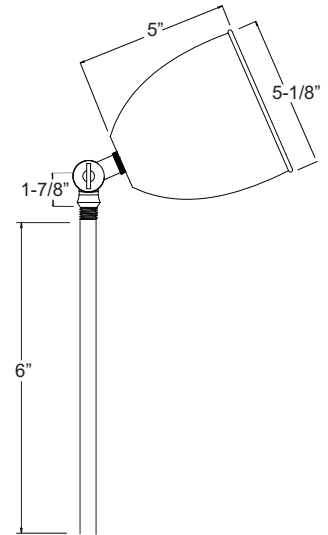
PRODUCT FEATURES

- ▶ Solid Copper Polished
- ▶ 120 Volts
- ▶ PAR30 Lamp Not Included (75W Max.) LED Bulb Compatible

FINISH



COPPER



*HL31-ARB

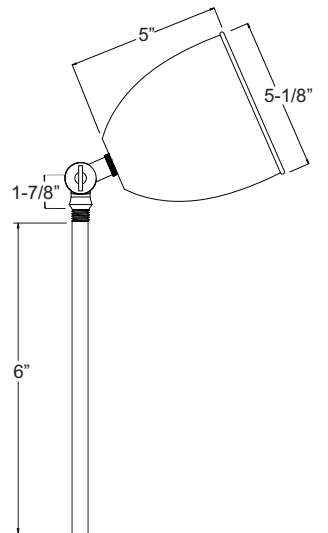
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 120 Volts
- ▶ PAR30 Lamp Not Included (75W Max.) LED Bulb Compatible

FINISH



ARB



I40 | 120V Flood Lights

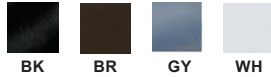


LH150-SG

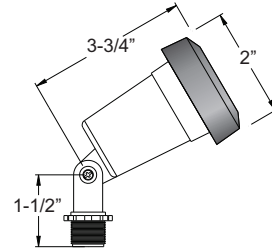
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ Black Silicon Gasket Seals Lamp
- ▶ PAR38 Lamp Not Included (90W Max.) LED Bulb Compatible
- ▶ Premium Lamp Holder

POWDER COATED FINISHES



Shown In Gray

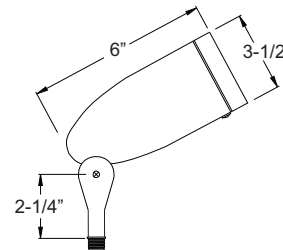


FGHL20

PRODUCT FEATURES

- ▶ Composite
- ▶ 120 Volts
- ▶ PAR20 Lamp Not Included (50W Max.) LED Bulb Compatible
- ▶ Convex Acrylic Lens
- ▶ O-Ring Silicone Gasket

FINISH



*HL20S

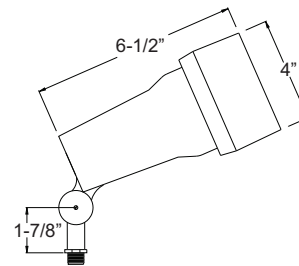
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR20 Lamp Not Included (50W Max.) LED Bulb Compatible
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

POWDER COATED FINISHES



Shown In Green



FGHL38

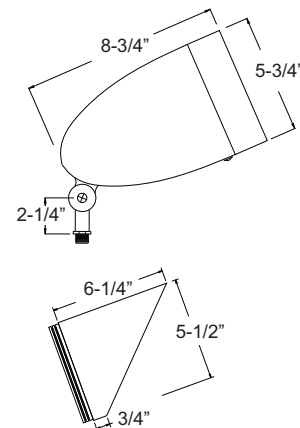
PRODUCT FEATURES

- ▶ Composite
- ▶ 120 Volts
- ▶ PAR38 Lamp Not Included (90W Max.) LED Bulb Compatible
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

FINISH



FG38V
Optional Glare
Shield for FGHL38



H.I.D. Lighting

120V



5200 Series

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ PAR38 Lamp Not Included (75W Max.) LED Bulb Compatible
- ▶ Tempered Glass Lens
- ▶ 3 Holes on the Bottom:
1-SJT Cord, 1-Plug and 1-Blank
- ▶ 24" SJT Cord

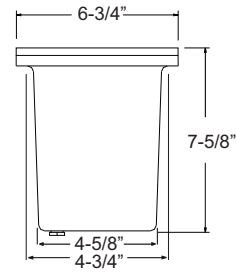
POWDER COATED FINISHES



BK



5210



FG5200 Series

PRODUCT FEATURES

- ▶ Fiberglass
- ▶ PAR38 Lamp Not Included (75W Max.) LED Bulb Compatible
- ▶ Tempered Glass Lens
- ▶ 3 Holes on the Bottom:
1-SJT Cord, 1-Plug and 1-Blank
- ▶ Corrosion Resistant

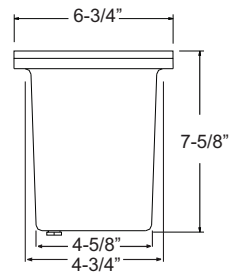
POWDER COATED FINISHES



BK



FG5210



FG5213

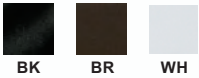
COVER PLATES

S710 Series

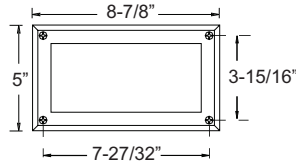
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ Frosted Glass Lens
- ▶ Silicone Gasket Included

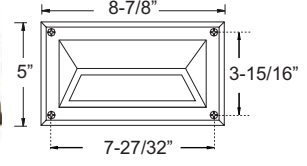
POWDER COATED FINISHES



S710C

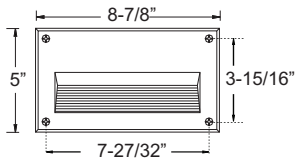


S711C

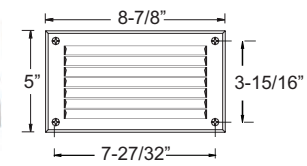


S712C

Only Use with S710H-E26



S713C



ORDERING GUIDE SAMPLE

Housing: S710H-E26
Coverplate Config.: S713C-BK

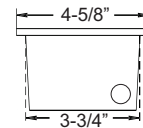
Order housing & coverplate separately

HOUSING OPTIONS (120V)

S710H-E26

PRODUCT FEATURES

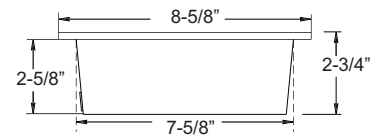
- ▶ Powder Coated Cast Aluminum
- ▶ 120 Volts
- ▶ T-10 Lamp Not Included (40W Max.)
- ▶ Medium Base Socket
- ▶ Use with S710C, S711C, S712C or S713C Coverplates



S710H-LED-120V

PRODUCT FEATURES

- ▶ Powder Coated Cast Aluminum
- ▶ 120 Volts
- ▶ 5.70W Input Power
- ▶ Color Temperature: 4000K
- ▶ Use with S710C, S711C or S713C Coverplates



*Also Available in 12 Volts:
S710H-LED-12V on Page I25*

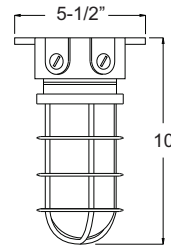
150 Watt Small Jar

PRODUCT FEATURES

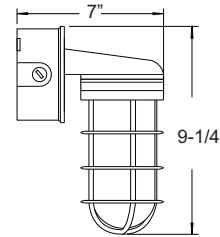
- ▶ Die Cast Aluminum with Die Cast Guard
- ▶ Silicone Gasket
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (150W Max.)
- ▶ LED Bulb Compatible
- ▶ 1/2" NPS Hub Size
- ▶ Clear Glass Jar



VPB2



VPW2

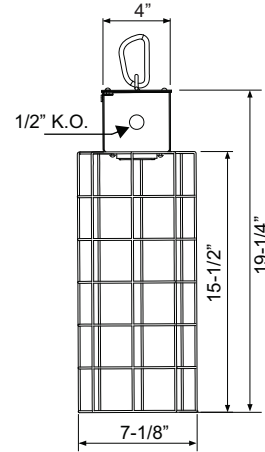


VG20-CL
Replacement Glass

CONSTRUCTION TEMP LIGHTS

PRODUCT FEATURES

- ▶ Rugged steel construction
- ▶ 120~277 Volts
- ▶ E39 Mogul Base
- ▶ Stainless steel snap hook easily attaches fixture to any structural member
- ▶ Welded steel cage and Snap-On Shatter Guard ensures maximum workplace safety
- ▶ 6 ft., 3-prong male plug
- ▶ 6 in., 3-prong female plug
- ▶ Orange Powder Coating for high visibility



CTL AND LAMP ASSEMBLY

Cat. No.	Lamp	Wattage	Color Temp.	Lumens	Life Hours
CTL-105	105 CFL	105W	6400K	5,250 lm	10,000 hrs
CTL-200	200 CFL	200W	6400K	10,000 lm	10,000 hrs



CTL-105



CTL-200



LTL

Visit pg. H10 for LED Temp. Lighting

LAMPS ONLY

Cat. No.	Wattage	Color Temp.	Lumens	Life Hours
CFL-105W	105W	6400K	5,250 lm	10,000 hrs
CFL-200W	200W	6400K	10,000 lm	10,000 hrs
CFL-200W-277	200W (277V)	6400K	10,000 lm	10,000 hrs

COMPACT FLUORESCENT



CFL-105W



CFL-200W



CFL-200W-277

* HHB1-MH400-PS (Pulse Start)

BALLAST

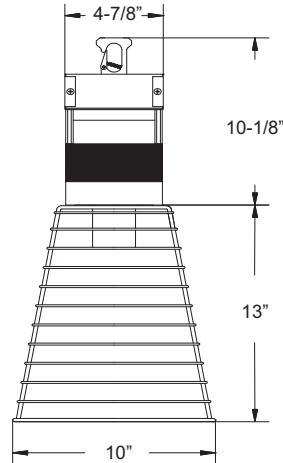
- ▶ 120/208/240/277V Quad CWA

LAMP

- ▶ Mogul Base 400W Metal Halide Lamp Included, 33100 Lumens, 82 CRI Color Rendition

PRODUCT FEATURES

- ▶ Cast Aluminum Construction
- ▶ High-Bay Light with Wire Guard
- ▶ Chrome Steel Wire Guard Protects Bulb
- ▶ Hook Included



LTL

Visit pg. H10 for LED Temp. Lighting

TEMP LIGHT ACCESSORIES

Cat. No.	Description
HHB1-WG	Chrome Steel Wire Guard
HHB1-WG2	Chrome Steel Wire Guard



HHB1-WG



HHB1-WG2

HIGH/LOW BAY ACCESSORIES

Cat. No.	Description
SCS-75	Swivel Cover for Square Box, 3/4" Hub with 1/2" Reducing Bushing
SCR-75	Swivel Cover for Round Box, 3/4" Hub with 1/2" Reducing Bushing
HHB2-CH	3/4" Cast Hook



SCS-75



SCR-75



HHB2-CH

146 | Easy Access Lighting Box

EASY ACCESS LIGHTING BOX 2-1/8" DEEP 30.3 Cu. In.

PRODUCT FEATURES

- ▶ Fast and efficient installations
- ▶ Sliding cover plate for one person installations
- ▶ Swivel reduces damage to hanging fixtures when struck
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load

Cat. No.	Description	Dimensions (W x H)	Knockouts		Std. Pkg.
			Sides	Bottom	
EALBS	Easy Access Lighting Box with Sliding Swivel	4" X 4"	4 - CKO	3 - 1/2", 1 - 3/4"	10

Only box UL-Listed for up to 90lbs of fixture load!

PATENTED

**ORBIT INDUSTRIES
EXCLUSIVE**



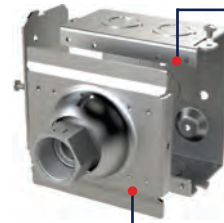
**Video Available
On Our Website!**



EALBS



Reducing bushing for 1/2" conduit included



SWIVEL COVER PLATE

20° Swivel Angle – Fits 3/4" conduit

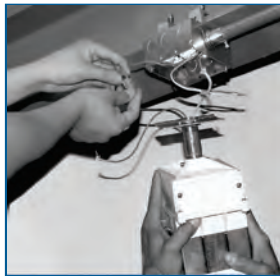
BOTTOM TABS

For sliding cover plates

DETACHABLE SIDES

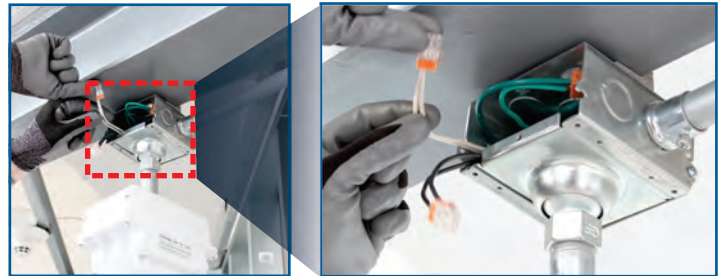
For easy wiring

**50%
LABOR
SAVINGS**



TRADITIONAL METHOD

Requires two installers



WITH ORBIT'S EALBS

Install Swivel Plate on lighting fixture and slide it into the box. One installer completes wiring while fixture hangs

CONDUIT LOCKING CONNECTOR

PRODUCT FEATURES

- ▶ Steel
- ▶ Fits 4", 4-11/16" sq. and 40 boxes as well as Orbit's patented EALBS
- ▶ Hooks prevent rotation of fixtures such as security cameras and emergency lighting
- ▶ Holes allow for branch line restraints
- ▶ Includes set-screw and locknut
- ▶ Can replace Rigid Threaded Conduit Fittings

PATENTED

**Video Available
On Our Website!**



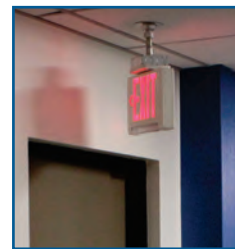
Cat. No.	Description	Trade Size	Std. Pkg.	Mst. Ctn.
CLCSL-50	1/2" Conduit Locking Connector with Seismic Wire Holes	1/2"	10	100
CLCSL-75	3/4" Conduit Locking Connector with Seismic Wire Holes	3/4"	10	100



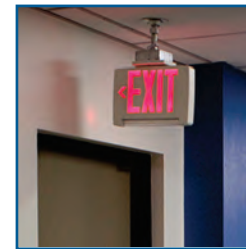
CLCSL



Locknut Included



Before Installation



After Installation Prevents Rotation

Cat. No.	Description	Voltage	Wattage	Base	Life (Hrs.)	Std. Pkg.
100T4	Halogen Lamp	120V	100W	G8	12000	10
JC-20-120V	JC Halogen	120V	20W	GY6.35	1500	20
50JDR16	JDR16 Halogen, 40° Flood	120V	50W	E26	2000	10
40T10	Medium Base Lamp for Step Lights	120V	40W	E26	1000	10
PLQ9-41K	Compact Quad Fluorescent, 4100K	120V	9W	G23.2	10000	20
PLQ13-41K	Compact Quad Fluorescent, 4100K	120V	13W	G23.2	10000	10
PL13-41K	Compact Fluorescent, 4100K	120V	13W	GX23	12000	10
MH70/PAR38/FL/4K	Metal Halide PAR38 Lamp	120V~277V	70W	E26	10000	1
MV160/R40/FL/4K	R40 Mercury Vapor, Self-Ballast, Flood 4K	120V	160W	E26	10000	6
*LMR16-3W-EB-WW	LED MR16 Edison Base Bulb, WW (3000K)	120V	3W	E26/E27	50000	10
LA19-8W-D-WW	LED A19 Edison Base Dimm. Bulb, WW (3000K)	120V	8W	E26/E27	50000	24
LA19-8W-D-CW	LED A19 Edison Base Dimm. Bulb, CW (4700K)	120V	8W	E26/E27	50000	24
LPAR20-8W-D-WW	LED PAR20 Edison Base Dimm. Bulb WW (3000K)	120V	8W	E26/E27	50000	24
LPAR20-8W-D-CW	LED PAR20 Edison Base Dimm. Bulb, CW (4700K)	120V	8W	E26/E27	50000	24
LPAR30-12W-D-WW	LED PAR30 Edison Base Dimm. Bulb, WW (3000K)	120V	12W	E26/E27	50000	24
LPAR30-12W-D-CW	LED PAR30 Edison Base Dimm. Bulb, CW (4700K)	120V	12W	E26/E27	50000	24
LPAR38-16W-D-WW	LED PAR38 Edison Base Dimm. Bulb, WW (3000K)	120V	16W	E26/E27	50000	24
LPAR38-16W-D-CW	LED PAR38 Edison Base Dimm. Bulb, CW (4700K)	120V	16W	E26/E27	50000	24
LPAR38-15W-D-WW-OD	LED PAR38 Edison Base Dimm. Bulb, WW (3000K), Outdoor	120V	15W	E26/E27	25000	1
LPAR38-15W-D-CW-OD	LED PAR38 Edison Base Dimm. Bulb, CW (5000K), Outdoor	120V	15W	E26/E27	25000	1



100T4



JC-20-120V



50JDR16



40T10



PLQ9-41K



PLQ13-41K



PL13-41K



*LMR16-3W-EB-WW



LA19-8W-D-WW
LA19-8W-D-CW



LPAR20-8W-D-WW
LPAR20-8W-D-CW



LPAR30-12W-D-WW
LPAR30-12W-D-CW



LPAR38-16W-D-WW
LPAR38-16W-D-CW



LPAR38-15W-D-WW-OD
LPAR38-15W-D-CW-OD

Disclaimer: Shape, Design, and Finish may change without prior notice

*While Supplies Last

www.orbitelectric.com

Orbit Industries stocks a huge inventory of Emergency Lights and Exits on both coasts. Orbit LED Exit Signs range from economy-grade plastic signs to spec grade aluminum and edge-lit designs. Emergency Lights range from lightweight models to high-power PAR-style battery units. Available for most applications including multi-family, commercial, light industrial, and outdoor wet locations. All models are UL924 Listed for damp or wet locations. Battery diagnostic switches make these units easy to test per NFPA 101 requirements.

EL2SML | Pg. J2



SUPER MICRO

The EL2SML is one of the most compact commercial LED Emergency Lights on the market. Measuring 7.86", it is roughly half the width of standard emergency light.

Two LED lamps can be hand-adjusted in a full range of motion. Suitable for wall or ceiling mounting. An additional lighting head can be powered by the EL2SML when Remote Capable (RC) battery option is specified. Available in white or black thermoplastic housing.

The EL1DOL is a General Purpose Outdoor LED Light and Emergency Light in one unit. Its low profile die-cast aluminum housing makes it a stylish replacement for security wallpacks. The EL1DOL is UL Wet Location listed. It produces 1,286 lumen output in AC mode; 350 lumen output in emergency mode. Dusk-to-dawn Photocell included.

Available in White, Bronze, Black and Nickel housing finish. Optional Battery Heater also available.

EL1DOL | Pg. J3



SHINE BRIGHT EVEN IN WET LOCATIONS

EST | Pg. J7



**INCREDIBLY THIN,
ONLY 0.86" WIDE**

The EST is one of the slimmest LED Exit Signs on the market. Measuring 0.86" deep, the EST is roughly half the depth of standard exit signs. Despite its size, the EST meets all the same requirements and listings as standard models. Its low profile and elegant lines complement upscale interior decor.

Includes two 'EXIT' faceplates for single or double-face application. A canopy is also included for ceiling or end mounting. Available in Red or Green LED and White or Black plastic housing finish.

The EESL2L satisfies outdoor exit sign and emergency lighting requirements with one unit. An impact-resistant polycarbonate shield protects the exit sign's face(s). A gasket around the lens creates a watertight seal, protecting electronics from corrosion. Two adjustable LED lamp heads provide optimal center-to-center spacing.

White housing, extra Faceplate included for field conversion to Double-Face. Options include Self Diagnostic Testing, Remote Capable battery, and Internal Battery Heater for cold weather.

EESL2L | Pg. J15



**MICRO WET LOCATION
COMBO UNIT**



EL2HM-LED-W



EL2NM-LED-W



EL2SML-W



EL2FM-LED-W



EL2TLM-W **NEW**



EL1DOL-BR



EL2LR-W



EL2T6/EL2T12



EL2H-WP-GY



EL2H-WP-LED-GY



EL2TN4



EL2TN4-LED-GY



EST-W-G



ESBLM-W-R



ESBL-W-R



ESL-W-R



ESLA-B-A-1-G



ESLAM-B-A-1-G



ESI-G/ESI-R



ESN-B-G-1



ESSE-A-2-R



ESRE-A-2-G



EECLM-LED-W-R



EECMPL-W-R



EECLMS-W-G



EECLP-LED-W-1-R



EESLA-LED-A-A-1-G



EECLA-W-G



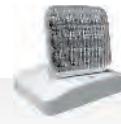
ESLN4M-W-1-G



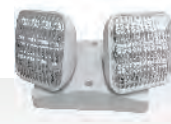
EESL2L-1-R **NEW**



ESB2L-GY-1-R



LRHS-1



LRHS-2



LRHR-1 **NEW**



LRHR-2 **NEW**



LRHS-WP-1



LRHS-WP-2



PCS-R



PCS-D



WG-15



WG-30



REPLACEMENT BATTERIES



LRK-SI



LBAL SERIES



EALBS



CLCSL

Exit & Emergency

EL2HM-LED

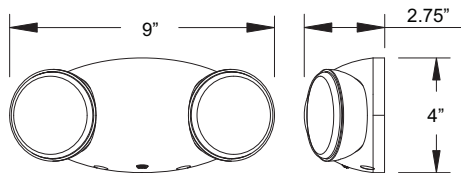
MICRO ADJUSTABLE ROUND HEAD
LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (0.65W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with 1/2" Knockout
- ▶ Suitable for wall and ceiling mounting
- ▶ High Performance Chrome Plated Reflector
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation



EL2HM-LED-W



Cat. No.	Housing Color	Options
EL2HM-LED	W (White) B (Black)	HO (High Output)

EL2NM-LED

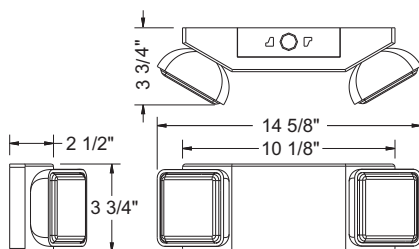
MICRO ADJUSTABLE SQUARE HEAD
LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (1W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Conduit Mount Knockout on top of housing
- ▶ Suitable for wall and ceiling mounting
- ▶ High Performance Chrome Plated Reflector
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation
- ▶ Remote Capable for up to 2 additional Lamp Heads (**HO Only**)



EL2NM-LED-W



Cat. No.	Housing Color	Options
EL2NM-LED	W (White) B (Black)	HO (High Output) SDT (Self Diagnostic Test)

Exit & Emergency



EL2SML

SUPER MICRO ADJUSTABLE HEAD LED EMERGENCY LIGHT

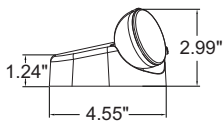
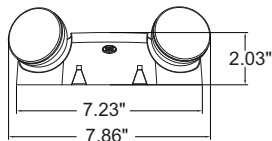
PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (0.5W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ LED indicator light alerts occupant of battery level
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation

NEW



EL2SML-W



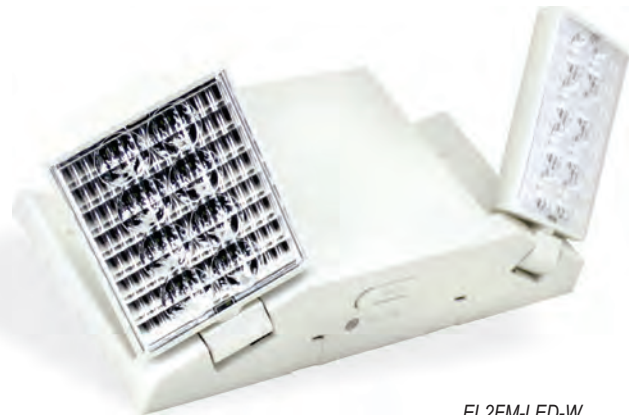
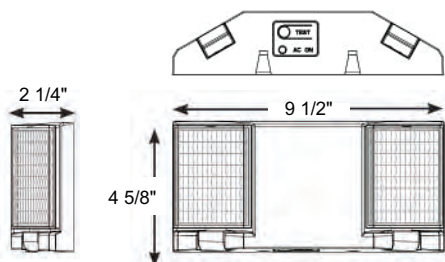
Cat. No.	Housing Color	Options
EL2SML	W (White) B (Black)	RC (Remote Capacity)

EL2FM-LED

MICRO ADJUSTABLE LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (1W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick Connect
- ▶ Conduit Mount Knockout on top of housing
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation



EL2FM-LED-W



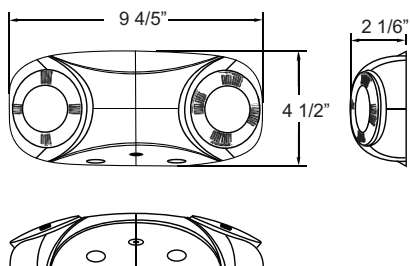
Cat. No.	Housing Color
EL2FM-LED	W (White) B (Black)

EL2TLM

THIN ADJUSTABLE ROUND HEAD
HIGH OUTPUT LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Universal-Voltage Input 100 ~ 300VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (2W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, V-O Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Plate with 1/2" Knockout
- ▶ Suitable for wall and ceiling mounting
- ▶ Push to Test Switch
- ▶ Maintenance free 3.2V Lithium Ion Battery
- ▶ Fully automatic operation
- ▶ **RC** option offers additional 2.8W for 90 min.



NEW



EL2TLM-W

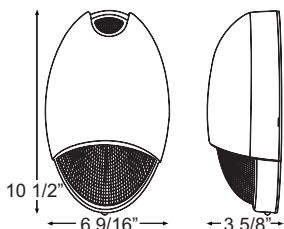
Cat. No.	Housing Color	Options
EL2TLM	W (White) B (Black)	SDT (Self Diagnostic Test) RC (Remote Capacity)

EL1DOL

DECORATIVE WET LOCATION
LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Universal Voltage 120~277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather with heater option (-10°C - 40°C)
- ▶ 12W, 5000K Energy Saving LED Lamp
- ▶ 1286 lumens standard and 350 lumens in Emergency mode
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Die Cast Aluminum Housing with Powder Coated Finish
- ▶ Universal Mounting Plate
- ▶ Threaded opening at top of enclosure for Conduit Mounting
- ▶ Suitable for wall and ceiling mounting
- ▶ Can be used as a Normal Light or an Emergency Light
- ▶ **Built-In Photocell**
- ▶ Self Diagnostic Testing Standard
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V Rechargeable NiCd Battery
- ▶ Fully automatic operation



EL1DOL-BR

Cat. No.	Housing Color	Option
EL1DOL	W (White) BR (Bronze) B (Black) N (Nickel)	HTR (Internal Heater)



Exit & Emergency

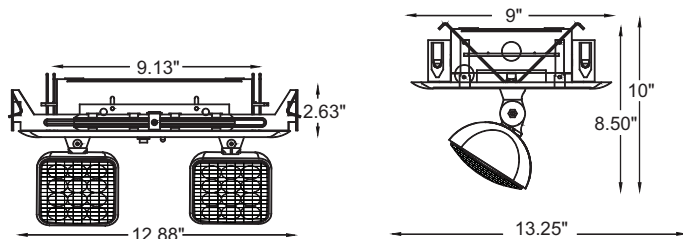


EL2LR

RECESSED LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ Two fully adjustable 1W LED Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Durable 20 Gauge Steel Trim Plate
- ▶ Adjustable Bar Hanger up to 24" for Recessed Mounting
- ▶ Push-to-Test Switch
- ▶ High capacity battery offers 10W of Remote Capacity
- ▶ Maintenance-free 6V, Rechargeable Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2LR-W



Cat. No.	Housing Color
EL2LR	W (White) B (Black)

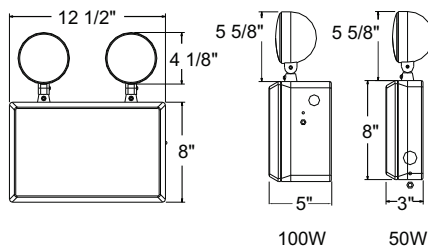
EL2T6

EL2T12

HIGH OUTPUT EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic Knockout on back of housing for wall mount
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V Sealed Lead-Acid Battery
- ▶ Fully automatic operation



100W

50W



EL2T6/EL2T12

Cat. No.	Voltage	Output	Lamp Wattage
EL2T650	6V	50W	2 x 7.2W
EL2T6100	6V	100W	2 x 7.2W
EL2T1250	12V	50W	2 x 7.2W
EL2T12100	12V	100W	2 x 7.2W

EL2H-WP

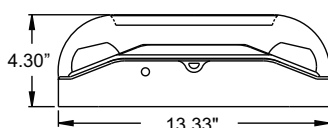
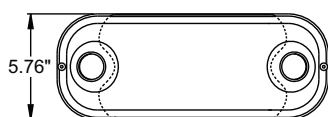
ADJUSTABLE WET LOCATION EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Two fully adjustable, glare-free 6V, 7W MR16 Halogen Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Plate
- ▶ Surface wall mount only
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V, 4.5AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2H-WP-GY



Cat. No.	Housing Color
EL2H-WP	GY (Grey) B (Black)

EL2H-WP-LED

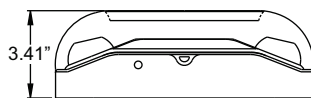
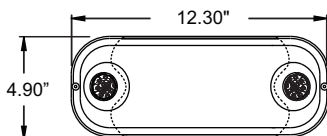
ADJUSTABLE WET LOCATION LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (0.6W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Heads
- ▶ Universal Mounting Pattern with 1/2" Knockout in back
- ▶ Surface wall mount only
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation



EL2H-WP-LED-GY



Cat. No.	Housing Color
EL2H-WP-LED	GY (Grey) B (Black)

Exit & Emergency



EL2TN4

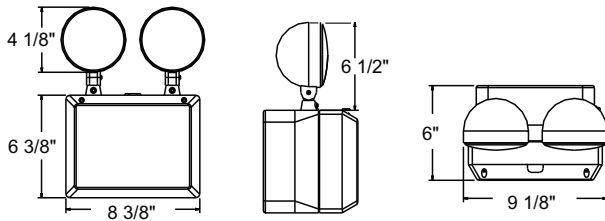
REMOTE HEAD WET LOCATION EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather **with heater option (-10°C - 40°C)**
- ▶ Two fully adjustable 6V 7.2W T5 Wedge Base Waterproof Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ Surface wall mount only
- ▶ Sealed Push-to-Test Switch
- ▶ White housing only
- ▶ Maintenance-free 6V, 10AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2TN4



Cat. No.	Options
EL2TN4	HTR (Internal Heater)

EL2TN4-LED

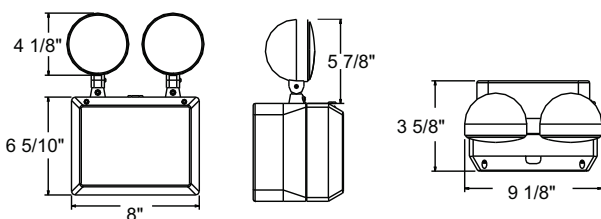
REMOTE HEAD WET LOCATION LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather (-10°C - 40°C)
- ▶ Two fully adjustable ultra-bright LED Lamp Heads (1.5W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ Surface wall mount only, brackets included
- ▶ Sealed Push-to-Test Switch
- ▶ Maintenance-free 9.6V NiCd Battery
- ▶ Fully automatic operation



EL2TN4-LED-GY



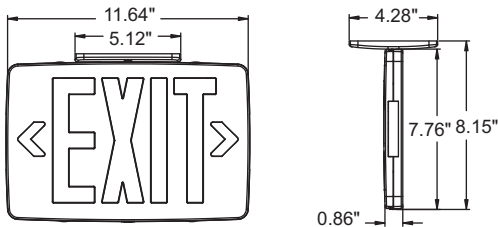
Cat. No.	Housing Color
EL2TN4-LED	GY (Grey) B (Black)

EST

THIN THERMOPLASTIC LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 1.2V NiCd Battery
- ▶ Fully automatic operation



EST-W-G

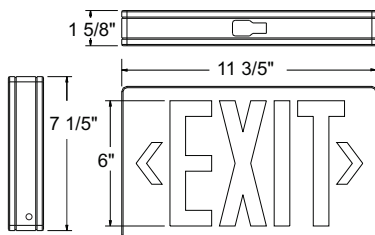
Cat. No.	Housing Color	Letter Color	Operation
EST	W (White) B (Black)	R (Red) G (Green)	EB (Battery Back-Up) AC (AC Only)

ESBLM

MICRO THERMOPLASTIC LED EXIT SIGN WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 2.4V NiCd Battery
- ▶ Fully automatic operation



ESBLM-W-R

Cat. No.	Housing Color	Letter Color	Options
ESBLM	W (White) B (Black)	R (Red) G (Green)	RC (Remote Capacity)

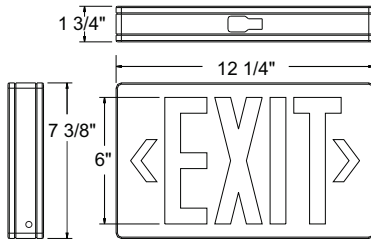


ESBL

THEMOPLASTIC LED EXIT SIGN
WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V NiCd Battery
- ▶ Fully automatic operation



ESBL-W-R



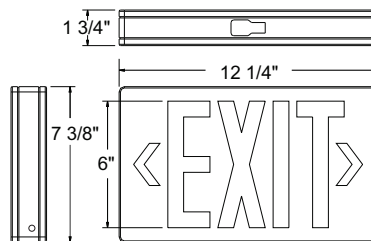
Cat. No.	Housing Color	Letter Color	Options
ESBL	W (White) B (Black)	R (Red) G (Green)	SDT (Self Diagnostic Test) RC (Remote Capable)

ESL

THEMOPLASTIC LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation (Except 2C models)
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face



ESL-W-R



Cat. No.	Housing Color	Letter Color	Options
ESL ESL2C (Dual Circuit)	W (White) B (Black)	R (Red) G (Green)	Blank (AC Only) 2C-120 (Dual-Circuit Op., 120V) 2C-277 (Dual-Circuit Op., 277V)

ESLA

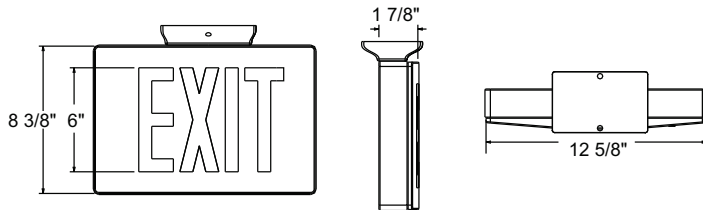
CAST ALUMINUM LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation (Except 2C models)
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Premium Grade Aluminum Housing
- ▶ Universal Mounting Pattern
- ▶ Aluminum Canopy for ceiling or end mounting included
- ▶ Knockout Chevrons Directional Indicators
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



ESLA-B-A-1-G



Cat. No.	Housing Color	Faceplate	No. of Faces	Letter Color	Operation	Options
ESLA	A (Aluminum)	A (Aluminum)	1	R (Red)	EB (Battery Back-Up)	SDT (Self Diagnostic Test)
	W (White)	W (White)	2	G (Green)	AC (AC Only)	2C-120 (Dual-Circuit Op., 120V)
	B (Black)	B (Black)			Blank (If 2C)	2C-277 (Dual-Circuit Op., 277V)

ESLAM

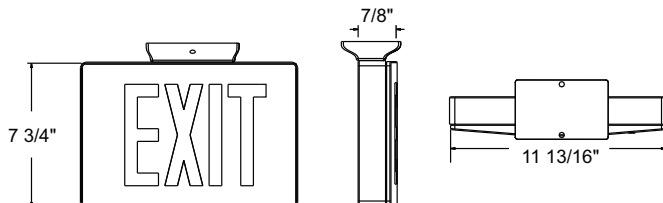
MICRO CAST ALUMINUM LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Premium Grade Aluminum Housing
- ▶ Universal Mounting Pattern
- ▶ Aluminum Canopy for ceiling or end mounting included
- ▶ Knockout Chevrons Directional Indicators
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 2.4V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



ESLAM-B-A-G



Cat. No.	Housing Color	Faceplate	No. of Faces	Letter Color	Operation
ESLAM	B (Black)	A (Aluminum)	1 (Blank)	R (Red)	EB (Battery Back-Up)
		W (White)	2	G (Green)	AC (AC Only)
		B (Black)			



ESI

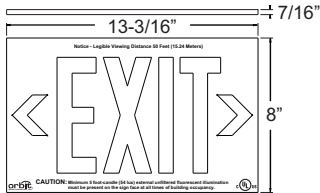
SELF-ILLUMINATING LOW-LEVEL EXIT SIGN

PRODUCT FEATURES

- ▶ Non-Electrical, Non-Nuclear
- ▶ Non-Radioactive
- ▶ UL Listed
- ▶ Minimum 5 Foot-Candles (54 Lux) external unfiltered Fluorescent
- ▶ 90 minutes of illumination upon failure of utility power
- ▶ Rated viewing distance of 50 feet
- ▶ Aluminum Body
- ▶ Photoluminescent Surface
- ▶ Built-in wall mount
- ▶ Field Applied Chevrons Included
- ▶ Single face only
- ▶ Indoor use only



(From Top) ESI-G/ESI-R



Mounting Bracket Included



Illuminated



Cat. No.	Letter Color
ESI	R (Red) G (Green)

ESN

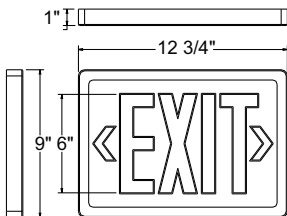
SELF-ILLUMINATING TRITIUM (NUCLEAR) EXIT SIGN

PRODUCT FEATURES

- ▶ Tritium-Powered Self-Illuminating
- ▶ Non-Electrical, Nuclear
- ▶ UL Listed for Wet Location
- ▶ Non-Radioactive and Non-Explosive
- ▶ 10 Foot candles ambient lighting
- ▶ 90 minutes of illumination upon failure of utility power
- ▶ Rated viewing distance of 100 feet
- ▶ Surface Mount Bracket
- ▶ Letter-shaped light tubes for best lighting
- ▶ Field applied chevrons included



ESN-B-G-1



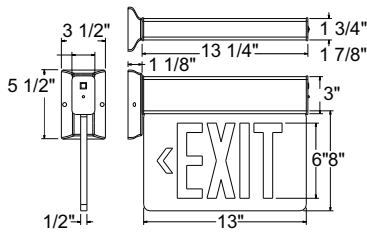
Cat. No.	Housing Color	Faceplate	No. of Faces	Life in Years
ESN	W (White) B (Black)	R (Red) G (Green)	1 2	10 20

ESSE

SURFACE MOUNT EDGE-LIT LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation (Except 2C models)
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Premium Grade Extruded Aluminum Housing
- ▶ Aluminum Canopy for wall, ceiling, or end mounting included
- ▶ Field applied Chevrons Included
- ▶ UV Stabilized ultra clear acrylic Edge Lit Panel
- ▶ Single-Face Panels are **Clear**, Double-Face Panels are **Opaque**
- ▶ Push-to-Test Switch
- ▶ Long life, Maintenance-free 4.8V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



Cat. No.	Casing Color	No. of Faces	Letter Color	Operation	Options
ESSE	A (Aluminum)	1	R (Red)	EB (Battery Back-Up)	SDT (Self Diagnostic Test)
	W (White) B (Black)	2	G (Green)	AC (AC Only)	2C-120 (Dual-Circuit Op., 120V) 2C-277 (Dual-Circuit Op., 277V)



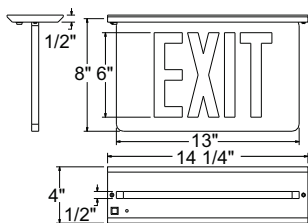
ESSE-A-2-R

ESRE

RECESSED MOUNT EDGE-LIT LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation (Except 2C models)
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Premium Grade Extruded Aluminum Housing
- ▶ Adjustable Bar Hanger up to 24" for Recessed Mount
- ▶ Field applied Chevrons Included
- ▶ UV Stabilized ultra clear acrylic Edge Lit Panel
- ▶ Single-Face Panels are **Clear**, Double-Face Panels are **Opaque**
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



Cat. No.	Casing Color	No. of Faces	Letter Color	Operation	Options
ESRE	A (Aluminum)	1	R (Red)	EB (Battery-Back Up)	SDT (Self Diagnostic Test)
	W (White) B (Black)	2	G (Green)	AC (AC Only)	2C-120 (Dual-Circuit Op., 120V) 2C-277 (Dual-Circuit Op., 277V)



ESRE-A-2-G

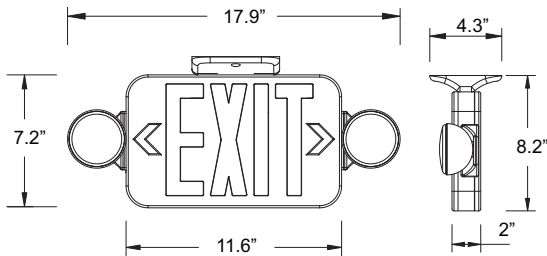


EECLM-LED

MICRO LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Round fully adjustable LED Lamp Heads (0.75W per lamp head)
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push to Test Switch
- ▶ Maintenance free 3.6V, NiCd Battery
- ▶ Fully automatic operation



EECLM-LED-W-R

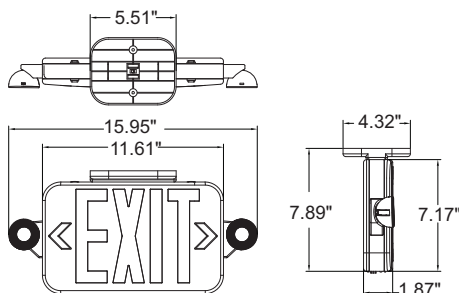
Cat. No.	Housing Color	Letter Color	Options
EECLM	W (White) B (Black)	R (Red) G (Green)	RC (Remote Capacity)

EECMPL

MICRO LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Round Fully adjustable LED Lamp Heads packaged inside Exit Sign Housing for petite packaging (0.5W per lamp head)
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ LED indicator light alerts occupant of battery level
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V, NiCd Battery
- ▶ Fully automatic operation



EECMPL-W-R



Emergency Lights ship inside Exit Sign for Space Saving Packaging

Cat. No.	Housing Color	Letter Color	Options
EECMPL	W (White) B (Black)	R (Red) G (Green)	RC (Remote Capacity)

EECLMS

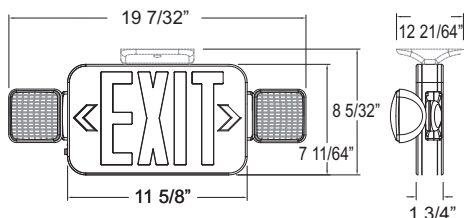
MICRO LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Square fully adjustable LED Lamp Heads (0.8W per lamp head)
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V, NiCd Battery
- ▶ Fully automatic operation



EECLMS-W-G



Cat. No.	Housing Color	Letter Color	Options
EECLMS	W (White) B (Black)	R (Red) G (Green)	RC (Remote Capacity)

EECLP-LED

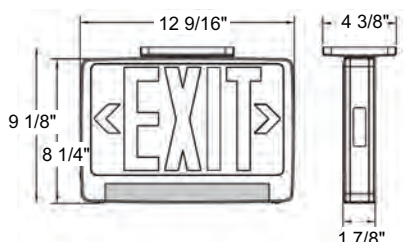
LED TUBE EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Adjustable LED Emergency Light beneath Exit Sign (2.5W)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Two Maintenance-free 4.8V NiCd Batteries
- ▶ Fully automatic operation
- ▶ Remote Capable for up to 2 additional Lamp Heads



EECLP-LED-W-1-R



Cat. No.	Housing Color	Letter Color	Options
EECLP-LED	W (White) B (Black)	R (Red) G (Green)	SDT (Self Diagnostic Test)

Exit & Emergency



*EESLA-LED

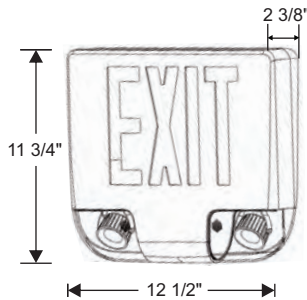
CAST ALUMINUM LED EMERGENCY LIGHT/
EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Two high powered, fully adjustable LED Lamp Heads (1.5W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Heavy-Duty Premium Grade Aluminum Housing
- ▶ Universal Mounting Pattern
- ▶ Aluminum Canopy for ceiling or end mounting included
- ▶ Knockout Chevrons Directional Indicators
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 8.4V NiCd Battery
- ▶ Fully automatic operation



EESLA-LED-A-A-1-G



Cat. No.	Housing Color	Faceplate	No. of Faces	Letter Color
*EESLA-LED	A (Aluminum) W (White) B (Black)	A (Aluminum) W (White) B (Black)	1 2	R (Red) G (Green)

*EECLA

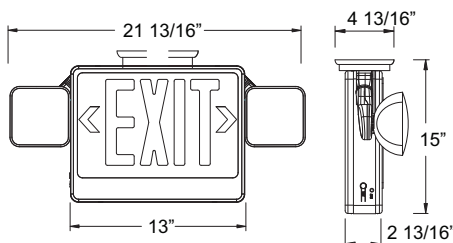
EMERGENCY LIGHT/LED EXIT SIGN
COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Two 6V 5.4W T5 Wedge Base Lamp Heads with **fully adjustable lamp arms**
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V, 4.5AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EECLA-W-G



Cat. No.	Housing Color	Letter Color	Options
*EECLA	W (White) B (Black)	R (Red) G (Green)	SDT (Self Diagnostic Test) RC (Remote Capable)

ESLN4M

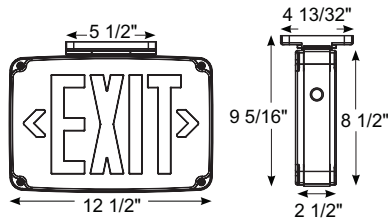
MICRO WET LOCATION LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation (Except 2C models)
- ▶ UL Listed for Wet Location (-10°C - 40°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact Clear Polycarbonate Lens
- ▶ Universal Mounting Plate
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Sealed Push-to-Test Switch
- ▶ Maintenance-free 6V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



ESLN4M-W-1-G



Cat. No.	Housing Color	No. of Faces	Letter Color	Operation	Options
ESLN4M	W (White)	1	R (Red)	EB (Battery Back-Up) AC (AC Only)	SDT (Self Diagnostic Test) 2C-120 (Dual-Circuit Op., 120V) 2C-277 (Dual-Circuit Op., 277V)
	B (Black) GY (Grey)	2	G (Green)		

EESL2L

MICRO WET LOCATION LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT

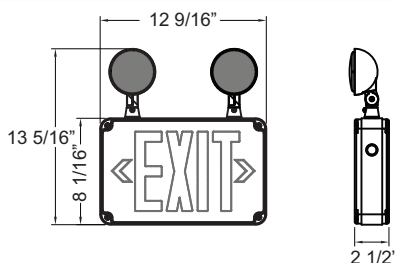
PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location (-20°C ~ 50°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Round fully adjustable LED Lamp Heads (1W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact Clear Polycarbonate Lens
- ▶ Universal Mounting Plate
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Sealed Push-to-Test Switch
- ▶ White housing only
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation
- ▶ RC option offers additional 3W for 90 min.

NEW



EESL2L-R



Cat. No.	Letter Color	No. of Faces	Options
EESL2L	R (Red)	1	SDT (Self Diagnostic Test) RC (Remote Capacity) HTR (Internal Heater)
	G (Green)	2	

Exit & Emergency



ESBL2L

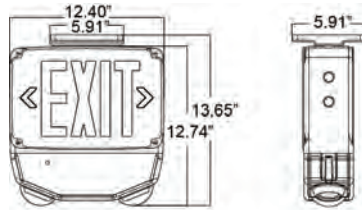
WET LOCATION LED EMERGENCY LIGHT/EXIT SIGN
COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

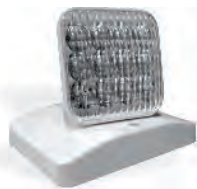
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather **with heater option** (-20°C - 50°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Two 3.6W adjustable Waterproof LED Bulbs
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, Polycarbonate
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact UV Resistant, Polycarbonate Lens
- ▶ Universal Mounting Plate for wall mounting
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ LED indicator light showing battery condition (Green= Normal, Red= Check)
- ▶ Maintenance-free 6V NiCd Battery
- ▶ Fully automatic operation



ESBL2L-GY-1-R



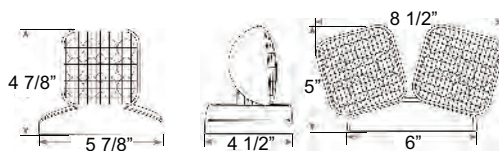
Cat. No.	Housing Color	No. of Faces	Letter Color	Options
ESBL2L	W (White)	1	R (Red)	SDT (Self Diagnostic Test) RC (Remote Capable) TP (Tamper-Proof) HTR (Internal Heater)
	B (Black) GY (Grey)	2	G (Green)	



LRHS-1



LRHS-2



NEW

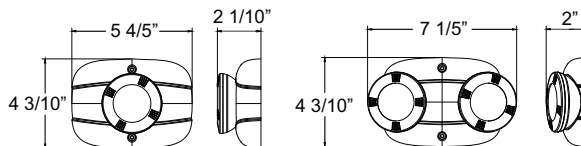


LRHR-1

NEW



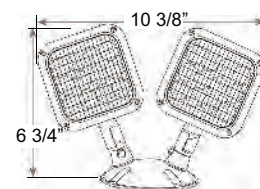
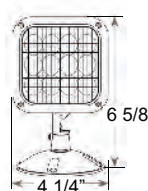
LRHR-2



LRHS-WP-1



LRHS-WP-2



PRODUCT FEATURES

- ▶ Adjustable heads to increase center-to-center spacing
- ▶ Mounting hardware included
- ▶ Suitable for ceiling or end Mounting

Cat. No.	No. of Heads	Voltage	Housing Color	Wattage
LRHS (Square LED Remote Head)	1	MV (3.6V, 6V, 9.6V & 12V)	W (White)	Blank (1W per Head)
	2		B (Black)	HO (1.5W per Head)
NEW LRHR (Round LED Remote Head)	1	3 (3.2V)	W (White)	4 (3.6W Total)
	2			6 (6.3W Total)
				13 (12.8W Total)
LRHS-WP (Outdoor Square LED Remote)	1	MV (3.6V, 6V, 9.6V & 12V)	GY (Grey)	Blank (1W per Head)
	2		B (Black)	HO (1.5W per Head)

Exit & Emergency



J18 | Shields & Wire Guards

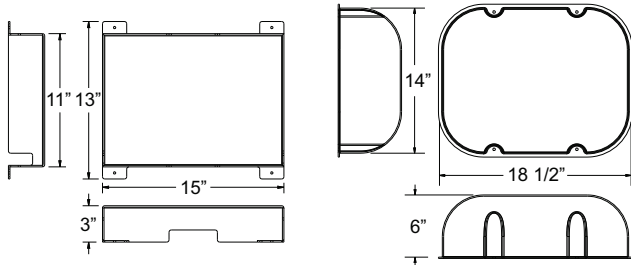
PCS SERIES ENVIRONMENTAL SHIELDS



PCS-R
Shown Installed



PCS-D
Shown Installed



Cat. No.	Description
PCS-R	Polycarbonate Vandal/Environmental Rectangular Shield
PCS-D	Polycarbonate Vandal/Environmental Dome Shield

Exit & Emergency

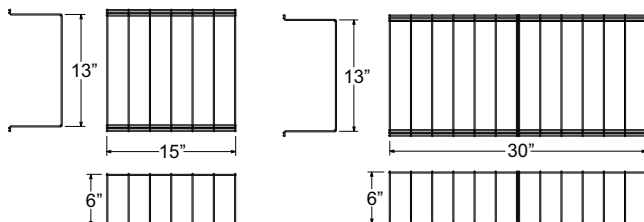
WG SERIES WIRE GUARDS



WG-15



WG-30
Shown Installed



Cat. No.	Description
WG-15	15" Wire Guard Covers most Emergency Units
WG-30	30" Wire Guard Covers most Exits & Combo Units



EB-24



EB-36



EB-36HO



EB-48



EB-6



EB-96



*EIB-5



*EHB-5

BATTERIES

Cat No.	Description	For Use With
EB-24	2.4V, 900mAH, NiCd Battery	ESLAM
EB-36	3.6V, 900mAH, NiCd Battery	EL2NM-LED, EL2HM-LED, EL2FM-LED, EL2SML, EL2H-WP-LED, EECMPL, EECLM-LED, EECLMS
EB-36HO	3.6V, 1800mAH, NiCd Battery for High Output	EL2NM-LED-HO
EB-48	4.8V, 650-700mAH NiCd Replacement Battery	EL1DOL, ESBL, ESL2C, ESLA, ESSE, ESRE, EECLP-LED, ESBL2N4
EB-6	6V, 4.5AH Sealed Lead-Acid Cadmium Replacement Battery	EL2LR, EL2T, EL2H-WP, EL2TN4, EECLA, ESLN4M, ESLN4M, ESBL2L
EB-96	9.6V NiCd Battery	EL2TN4-LED

LAMPS

Cat No.	Description	For Use With
*EIB-5	6V, 5W Wedge-Base Incandescent Lamp	All Orbit Wedge-Base Incandescent Units
*EHB-5	6V, 5W MR16 Halogen Lamp	EL2H, ESBL2H

LED RETROFIT KITS

PRODUCT FEATURES

- ▶ 120 VAC
- ▶ 2.8W per Kit (Set of Two LED Base)
- ▶ Mounting Bracket and Double-Sided Tape included (LRK-HW)
- ▶ Socket Adapters (Bayonet, Intermediate or Candelabra) Included (LRK-SI)

Cat No.	Description
LRK-SI-R	Screw-In Red LED Retrofit Kit
LRK-SI-G	Screw-In Green LED Retrofit Kit



LRK-SI

Exit & Emergency

*While Supplies Last

J20 | LED Emergency Ballasts

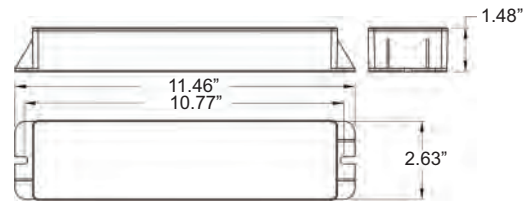
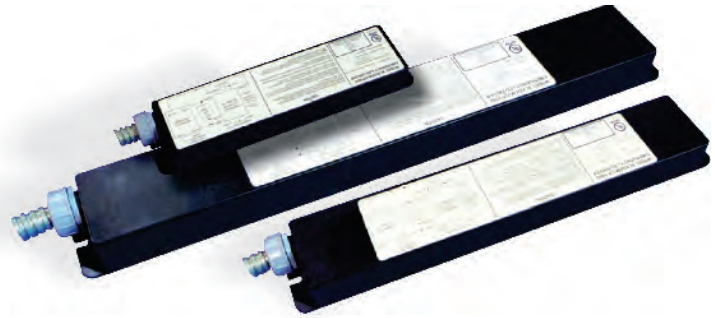


LBAL SERIES

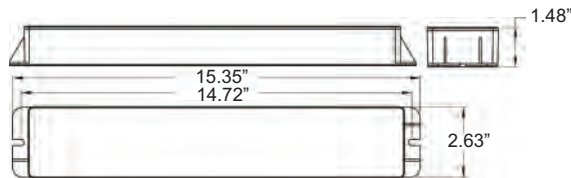
LED EMERGENCY LIGHTING BALLASTS

PRODUCT FEATURES

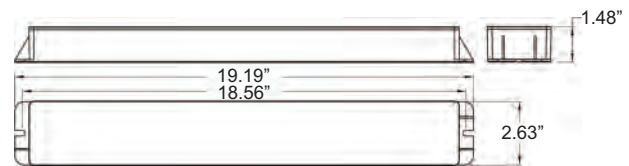
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Classified for field installation
- ▶ Suitable for Damp Location (0°C - 50°C)
- ▶ Provides constant power output to the load during emergency mode operation
- ▶ 90 minute minimum emergency operation over full temperature range
- ▶ Injection Molded, engineering grade, 5VA Flame Retardant, high-impact, thermoplastic
- ▶ Black finish
- ▶ Installs inside, on top, or in remote of the fixture
- ▶ Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- ▶ Can be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD
- ▶ Output classification: Class 2 Compliant
- ▶ Surge protection: Per C62.41 (TVS)
- ▶ Input overcurrent protection: Fusible Link
- ▶ LED illuminated and remote mounted test switch
- ▶ Charge/Power "ON" LED indicator light and push-to-test switch
- ▶ Maintenance-free, rechargeable NiCd Battery
- ▶ 24 Hour max battery recharge time
- ▶ 5 year warranty on electronics and housing
- ▶ Meets UL924, NFPA 101 Life Safety Code



LBAL800



LBAL1200 & 1600



LBAL2000 & 2400

Exit & Emergency

Cat.No.	OUTPUT OPERATING RANGE		OUTPUT POWER		Input Current (A)	Input Power (W)
	Voltage (Vdc)	Current (mA _{dc})	System Wattage (Constant)	Lumens		
LBAL800	20 -50	250 -100	5	800	0.061	3.9
LBAL1200	20 -50	390 -156	7.8	1250	0.065	4.8
LBAL1600	20 -50	535 -214	10.7	1700	0.087	5.7
LBAL2000	20 -50	685 -274	13.7	2200	0.11	6.9
LBAL2400	20 -50	850 -340	17	2700	0.11	7.9

*Lumen output based on LED light source having efficacy of 160 lumens/watt. Actual output may vary depending on light source.

EASY ACCESS LIGHTING BOX 2-1/8" DEEP 30.3 Cu. In.

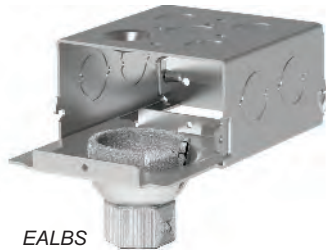
PRODUCT FEATURES

- ▶ Fast and efficient installations
- ▶ Sliding cover plate for one person installations
- ▶ Swivel reduces damage to hanging fixtures when struck
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load

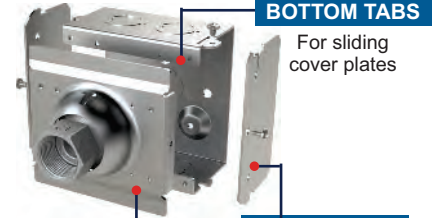


Cat. No.	Description	Dimensions (W x H)	Knockouts		Std. Pkg.
			Sides	Bottom	
EALBS	Easy Access Lighting Box with Sliding Swivel	4" X 4"	4 - CKO	3 - 1/2", 1 - 3/4"	10

Only box UL-Listed for up to 90lbs of fixture load!



Reducing bushing for 1/2" conduit included



BOTTOM TABS

For sliding cover plates

SWIVEL COVER PLATE

20° Swivel Angle – Fits 3/4" conduit

DETACHABLE SIDES

For easy wiring

PATENTED



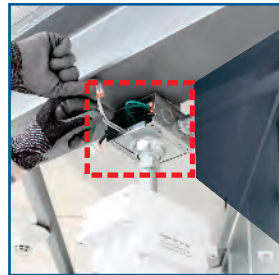
Video Available On Our Website!

50% LABOR SAVINGS



TRADITIONAL METHOD

Requires two installers



WITH ORBIT'S EALBS

Install Swivel Plate on lighting fixture and slide it into the box. One installer completes wiring while fixture hangs



CONDUIT LOCKING CONNECTOR

PRODUCT FEATURES

- ▶ Steel
- ▶ Fits 4", 4-11/16" sq. and 4O boxes as well as Orbit's patented EALBS
- ▶ Hooks prevent rotation of fixtures such as security cameras and emergency lighting
- ▶ Holes allow for branch line restraints
- ▶ Includes set-screw and locknut
- ▶ Can replace Rigid Threaded Conduit Fittings



Video Available On Our Website!

PATENTED



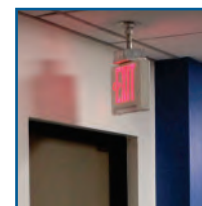
Cat. No.	Description	Trade Size	Std. Pkg.	Mst. Ctn.
CLCSL-50	1/2" Conduit Locking Connector with Seismic Wire Holes	1/2"	10	100
CLCSL-75	3/4" Conduit Locking Connector with Seismic Wire Holes	3/4"	10	100



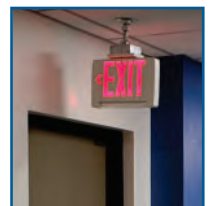
CLCSL



Locknut Included



Before Installation



After Installation Prevents Rotation

Exit & Emergency





CHAPTER 1 ADMINISTRATION

1.1 Scope.

1.1.1 Title. NFPA 101, Life Safety Code, shall be known as the Life Safety Code®, is cited as such, and shall be referred to herein as "this Code" or "the Code".

1.1.2 Danger to Life from Fire. The Code addresses those construction, protection, and occupancy features necessary to minimize danger to life from the effects of fire, including smoke, heat, and toxic gases created during a fire.

1.1.3 Egress Facilities. The Code establishes minimum criteria for the design of egress facilities so as to allow prompt escape of occupants from buildings or, where desirable, into safe areas within buildings.

1.1.4 Other Fire-Related Considerations. The Code addresses other considerations that are essential to life safety in recognition of the fact that life safety is more than a matter of egress. The Code also addresses protective features and systems, building services, operating features, maintenance activities, and other provisions in recognition of the fact that achieving an acceptable degree of life safety depends on additional safeguards to provide adequate egress time or protection for people exposed to fire.

1.1.5 Hazardous Materials Emergencies. The Code also addresses other considerations that provide for occupant protection during emergency events involving hazardous materials.

1.1.6 Injuries from Falls. The Code also addresses reducing injury to occupants from falls.

1.1.7 Emergency Communications. The Code also addresses other considerations that provide for communications to occupants under emergency conditions and to others.

1.1.8 Considerations Not Related to Fire. The Code also addresses other considerations that, while important in fire conditions, provide an ongoing benefit in other conditions of use, including non-fire emergencies.

1.1.9 Areas Not Addressed. The Code does not address the following:

- (1) General fire prevention or building construction features that are normally a function of fire prevention codes and building codes
- (2) Prevention of injury incurred by an individual due to that individual's failure to use reasonable care
- (3) Preservation of property from loss by fire
- (4) The retail sale and associated storage of consumer fire-works

1.2 Purpose. The Purpose of this Code is to provide minimum requirements, with due regard to function, for the design, operation, and maintenance of buildings and structures for safety to life from fire. Its provisions will also aid life safety in similar emergencies.

1.3 Application.

1.3.1 New and Existing Buildings and Structures. The Code shall apply to both new construction and existing buildings and existing structures.

1.3.2 Vehicles and Vessels. The Code shall apply to vehicles, vessels, or other similar conveyances, as specified in Section 11.6, in which case such vehicles and vessels shall be treated as buildings.

1.4 Equivalency. Nothing in this Code is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this Code.

1.4.1 Technical Documentation. Technical documentation shall be submitted to the authority having jurisdiction to demonstrate equivalency.

1.4.2 Approval. The system, method, or device shall be approved for the intended purpose by the authority having jurisdiction.

1.4.3 Equivalent Compliance. Alternative systems, methods, or devices approved as equivalent by the authority having jurisdiction

shall be recognized as being in compliance with this Code.

1.5 Units and Formulas.

1.5.1 SI Units. Metric units of measurement in this Code are in accordance with the modernized metric system known as the International System of Units (SI).

1.5.2 Primary Values. The inch-pound value for a measurement, and the SI value given in parentheses, shall each be acceptable for use as primary units for satisfying the requirements of this Code.

1.6 Enforcement. This Code shall be administered and enforced by the authority having jurisdiction designated by the governing authority.

CHAPTER 7 MEANS OF EGRESS

7.9 Emergency Lighting.

7.9.1 General.

7.9.1.1 Emergency lighting facilities for means of egress shall be provided in accordance with Section 7.9 for the following:

- (1) Buildings or structures where required in Chapters 11 through 43
- (2) Underground and limited access structures as addressed in Section 11.7
- (3) High-rise buildings as required by other sections of this Code
- (4) Doors equipped with delayed-egress locks
- (5) Stair shafts and vestibules of smokeproof enclosures, for which the following also apply:

- (a) The stair shaft and vestibule shall be permitted to include a standby generator that is installed for the smokeproof enclosure mechanical ventilation equipment.
- (b) The standby generator shall be permitted to be used for the stair shaft and vestibule emergency lighting power supply.

- (6) New sensor-release of electrical locking systems in accordance with 7.2.1.6.2

7.9.1.2 For the purposes of 7.9.1.1, exit access shall include only designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit. For the purpose of 7.9.1.1, exit discharge shall include only designated stairs, ramps, aisles, walkways, and escalators leading to a public way.

7.9.1.3 Where maintenance of illumination depends upon changing from one energy source to another, a delay of not more than 10 seconds shall be permitted.

7.9.2 Performance of System.

7.9.2.1 Emergency illumination shall be provided for not less than 1½ hours in the event of failure of normal lighting.

7.9.2.1.1 Emergency lighting facilities shall be arranged to provide initial illumination that is no less than an average of 1 ft-candle (10.8 lux) and, at any point, not less than 0.1 ft-candle (1.1 lux), measured along the path of egress at floor level.

7.9.2.1.2 Illumination levels shall be permitted to decline to not less than an average of 0.6 ft-candle (6.5 lux) and, at any point, not less than 0.06 ft-candle (0.65 lux) at the end of the 1½ hours.

7.9.2.1.3 A maximum-to-minimum illumination shall not exceed a ratio of 40 to 1.

7.9.2.2 New emergency power systems for emergency lighting shall be at least Type 10, Class 1.5, Level 1, in accordance with NFPA 110.

7.9.2.3 The emergency lighting system shall be arranged to provide the required illumination automatically in the event of any interruption of normal lighting due to any of the following:

- (1) Failure of public utility or other outside electrical power supply
- (2) Opening of a circuit breaker or fuse
- (3) Manual act(s), including accidental opening of a switch controlling normal lighting facilities.

7.9.2.4 Emergency generators and related transfer switch equipment that provide power to emergency lighting systems shall be installed, inspected, tested, and maintained in accordance with NFPA 110. Stored electrical energy systems, where required in this Code, other than battery systems for emergency luminaires in accordance with NFPA 7.9.2.5, shall be installed, inspected, tested, and maintained in accordance with NFPA 111.

7.9.2.5 Unit equipment and battery systems for emergency luminaires shall be listed to ANSI/UL 924, Standard for Emergency Lighting and Power Equipment.

7.9.2.6 Existing battery-operated emergency lights shall use only reliable types of rechargeable batteries provided with suitable facilities for maintaining them in properly charged condition. Batteries used in such lights or units shall be approved for their intended use and shall comply with NFPA 70.

7.9.2.7 The emergency lighting system shall be either continuously in operation or capable of repeated automatic operation without manual intervention.

7.9.3 Periodic Testing of Emergency Lighting Equipment.

7.9.3.1 Required emergency lighting systems shall be tested in accordance with one of the four options offered by 7.9.3.1.1, 7.9.3.1.2, 7.9.3.1.3, or 7.9.3.1.4.

7.9.3.1.1 Testing of required emergency lighting systems shall be permitted to be conducted as follows:

- (1) Functional testing shall be conducted monthly, with a minimum of 3 weeks and a maximum of 5 weeks between tests, for not less than 30 seconds, except as otherwise permitted by 7.9.3.1.1(2).
- (2) The test interval shall be permitted to be extended beyond 30 days with the approval of the authority having jurisdiction.
- (3) Functional testing shall be conducted annually for a minimum of 1½ hours if the emergency lighting system is battery powered.
- (4) The emergency lighting equipment shall be fully operational for the duration of the tests required by 7.9.3.1.1(2) and 7.9.3.1.1(3).
- (5) Written records of visual inspections and tests shall be kept by the owner for inspection by the authority having jurisdiction.

7.9.3.1.2 Testing of required emergency lighting systems shall be permitted to be conducted as follows:

- (1) Self-testing/self-diagnostic emergency battery-operated emergency lighting equipment shall be provided.
- (2) Not less than once every 30 days, self-testing/self-diagnostic battery-operated emergency lighting equipment shall automatically perform a test with a duration of a minimum 30 seconds and a diagnostic routine.
- (3) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall indicate failures by a status indicator.
- (4) A visual inspection shall be performed at intervals not exceeding 30 days.
- (5) Functional testing shall be conducted annually for a minimum of 1½-hours.
- (6) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall be fully operational for the duration of the 1½-hour test.
- (7) Written records of visual inspections and test shall be kept by the owner for inspection by the authority having jurisdiction.

7.9.3.1.3 Testing of required emergency lighting systems shall be permitted to be conducted as follows:

- (1) Computer-based, self-testing/self-diagnostic battery operated emergency lighting equipment shall be provided.
- (2) Not less than once every 30 days, emergency lighting equipment shall automatically perform a test with a duration of a minimum of 30 seconds and a diagnostic routine.
- (3) The emergency lighting equipment shall automatically perform annually a test for a minimum of 1½ hours.
- (4) The emergency lighting equipment shall be fully operational for the duration of the tests required by 7.9.3.1.3(2) and 7.9.3.1.3(3).
- (5) The computer-based system shall be capable of providing a report of the history of tests and failures at all times.

7.9.3.1.4 Testing of required emergency lighting systems shall be permitted to be conducted in accordance with 7.9.2.4.

7.10 Marking Of Means Of Egress

7.10.1 General.

7.10.1.1 Where Required. Means of egress shall be marked in accordance with Section 7.10 where required in Chapters 11 through Chapter 43.

7.10.2 Exits.

7.10.1.2.1 Exits, other than main exterior exit doors that obviously and clearly are identifiable as exits, shall be marked by an approved sign that is readily visible from any direction of exit access.

7.10.1.2.2 Horizontal components of the egress path within an exit enclosure shall be marked by approved exit or directional exit signs where the continuation of the egress path is not obvious.

7.10.1.3 Exit Door Tactile Signage. Tactile signage shall be provided to meet all the following criteria, unless otherwise provided in 7.10.1.4:

- (1) Tactile signage shall be located at each door requiring an exit sign.
- (2) Tactile signage shall read as follows: EXIT.
- (3) Tactile signage shall comply with ICC/ANSI A117.1, Accessible and Usable Buildings and Facilities.

7.10.1.4 Existing Exemption. The requirements of 7.10.1.3 shall not apply to existing buildings, provided that the occupancy classification does not change.

7.10.1.5 Exit Access.

7.10.1.5.1 Access to exits shall be marked by approved, readily visible signs in all cases where the exit or way to reach the exit is not readily apparent to the occupants.

7.10.1.5.2 New sign placement shall be such that no point in the exit access corridor is in excess of the rated viewing distance or 100 ft (30m), whichever is less, from the nearest sign.

7.10.1.6 Floor Proximity Exit Signs. Where floor proximity exit signs are required in Chapters 11 through 43, such signs shall comply with 7.10.3, 7.10.4, 7.10.5, and 7.10.6 for externally illuminated signs and 7.10.7 for internally illuminated signs. Such signs shall be located near the floor level in addition to those signs required for doors or corridors. The bottom of the sign shall be not less than 6 in. (150 mm), but not more than 18 in. (455 mm), above the floor. For exit doors, the sign shall be mounted on the door or adjacent to the door, with the nearest edge of the sign within 4 in. (100 mm) of the door frame.

7.10.1.7 Floor Proximity Egress Path Marking. Where floor proximity egress path marking is required in Chapters 11 through 43, an approved floor proximity egress path marking system that is internally illuminated shall be installed within 18 in. (455 mm) of the floor. Floor proximity egress path marking systems shall be listed in accordance with ANSI/UL 1994, Standard for Luminous Egress Path Marking Systems. The system shall provide a visible delineation of the path of travel along the designated exit access and shall be essentially continuous, except as interrupted by doorways, hallways, corridors, or other such architectural features. The system shall operate continuously or at any time the building fire alarm is activated. The activation, duration, and continuity of operation of the system shall be in accordance with 7.9.2. The system shall be maintained in accordance with the product manufacturing listing.

7.10.1.8 Visibility. Every sign required in Section 7.10 shall be located and of such size, distinctive color, and design that it is readily visible and shall provide contrast with decorations, interior finish, or other signs. No decorations, furnishings, or equipment that impairs visibility of a sign shall be permitted. No brightly illuminated sign (for other than exit purposes), display, or object in or near the line of vision of the required exit sign that could detract attention from the exit sign shall be permitted.



7.10.1.9 Mounting Location. The bottom of new egress markings shall be located at a vertical distance of not more than 6 ft 8 in. (2030 mm) above the top edge of the egress opening intended for designation by that marking. Egress markings shall be located at a horizontal distance of not more than the required width of the egress opening, as measured from the edge of the egress opening intended for designation by that marking to the nearest edge of the marking.

7.10.2 Directional Signs.

7.10.2.1 A sign complying with 7.10.3, with a directional indicator showing the direction of travel, shall be placed in every location where the direction of travel to reach the nearest exit is not apparent.

7.10.2.2 Directional exit signs shall be provided within horizontal components of the egress path within exit enclosures as required by 7.10.1.2.2.

7.10.3 Sign Legend.

7.10.3.1 Signs required by 7.10.1 and 7.10.2 shall read as follows in plainly legible letters, or other appropriate wording shall be used: **EXIT**

7.10.3.2 Where approved by the authority having jurisdiction, pictograms in compliance with NFPA 170 shall be permitted.

7.10.4 Power Source. Where emergency lighting facilities are required by the applicable provisions of Chapter 11 through Chapter 43 for individual occupancies, the signs, other than approved self-luminous signs and listed photoluminescent signs in accordance with 7.10.7.2, shall be illuminated by the emergency lighting facilities. The level of illumination of the signs shall be in accordance with 7.10.6.3 or 7.10.7 for the required emergency lighting duration as specified in 7.9.2.1. However, the level of illumination shall be permitted to decline to 60 percent at the end of the emergency lighting duration.

7.10.5 Illumination of Signs.

7.10.5.1 General. Every sign required by 7.10.1.2 or 7.10.1.5, or 7.10.8.1, other than where operations or processes require low lighting levels, shall be suitably illuminated by a reliable light source. Externally and internally illuminated signs shall be legible in both the normal and emergency lighting mode.

7.10.5.2 Continuous Illumination.

7.10.5.2.1 Every sign required to be illuminated by 7.10.6.3, 7.10.7, and 7.10.8.1 shall be continuously illuminated as required under the provisions of Section 7.8, unless otherwise provided in 7.10.5.2.2.

7.10.5.2.2 Illumination for signs shall be permitted to flash on and off upon activation of the fire alarm system.

7.10.6 Externally Illuminated Signs.

7.10.6.1 Size of Signs.

7.10.6.1.1 Externally illuminated signs required by 7.10.1 and 7.10.2, other than approved existing signs, unless otherwise provided in 7.10.6.1.2, shall read EXIT or shall use other appropriate wording in plainly legible letters sized as follows:

- (1) For new signs, the letters shall be not less than 6 in. (150 mm) high, with the principal strokes of letters not less than 3/4 in. (19mm) wide.
- (2) For existing signs, the required wording shall be permitted to be plainly legible letters not less than 4 in. (100 mm) high.
- (3) The word EXIT shall be in letters of a width not less than 2 in. (51mm), except the letter I, and the minimum spacing between letters shall be not less than 3/8 in. (9.5 mm).
- (4) Sign legend elements larger than the minimum established in 7.10.6.1.1(1) through 7.10.6.1.1(3) shall use letter widths, strokes, and spacing in proportion to their height.

7.10.6.1.2 The requirements of 7.10.6.1.1 shall not apply to marking required by 7.10.1.3 and 7.10.1.7.

7.10.6.2 Size and location of Directional Indicator.

7.10.6.2.1 Directional indicators, unless otherwise provided in 7.10.6.2.2, shall comply with the following:

- (1) The directional indicator shall be located outside of the EXIT legend, not less than 3/8 in. (9.5 mm) from any letter.
- (2) The directional indicator shall be of a chevron type, as shown in Figure 7.10.6.2.1.
- (3) The directional indicator shall be identifiable as a directional indicator at a distance of 40 ft (12 m).
- (4) A directional indicator larger than the minimum established for compliance with 7.10.6.2.1(3) shall be proportionately increased in height, width, and stroke.
- (5) The directional indicator shall be located at the end of the sign for the direction indicated.

7.10.6.2.2 The requirements of 7.10.6.2.1 shall not apply to approved existing signs.

7.10.6.3 Level of Illumination. Externally illuminated signs shall be illuminated by not less than 5 ft-candles (54 lux) at the illuminated surface and shall have a contrast ratio of not less than 0.5.

7.10.7 Internally Illuminated Signs.

7.10.7.1 Listing. Internally illuminated signs shall be listed in accordance with UL 924, Emergency Lighting and Power Equipment, unless they meet one of the following criteria:



FIGURE 7.10.6.2.1 Chevron-Type Indicator.

- (1) They are approved existing signs.
- (2) They are existing signs having the required wording in legible letters not less than 4 in. (100 mm) high.
- (3) They are signs that are in accordance with 7.10.1.3 and 7.10.1.6.

7.10.7.2 Photoluminescent Signs. The face of a photoluminescent sign shall be continually illuminated while the building is occupied. The illumination levels on the face of the photoluminescent sign shall be in accordance with its listing. The charging illumination shall be a reliable light source, as determined by the authority having jurisdiction. The charging light source, shall be of a type specified in the product markings.

7.10.8 Special Signs.

7.10.8.1 Sign Illumination.

7.10.8.1.1 Where required by other provisions of this Code, special signs shall be illuminated in accordance with 7.10.5, 7.10.6.3, and 7.10.7.

7.10.8.1.2 Where emergency lighting facilities are required by the applicable provisions of Chapters 11 through 43, the required illumination of special signs shall additionally be provided under emergency lighting conditions.

7.10.8.2 Characters. Special signs, where required by other provisions of this Code, shall comply with the visual character requirements of ICC/ANSI A117.1, American National Standard for Accessible and Usable Buildings and Facilities.

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QCIT.Guide Info - Metallic Outlet Boxes

GENERAL

This category covers metallic mud rings, flush device boxes, conduit bodies, conduit boxes, floor boxes, outlet boxes, outlet box hoods, special-purpose boxes, extension rings, covers, and cover plates for flush-mounted wiring devices, intended for installation in accordance with Article 314 of ANSI/NFPA 70, "National Electrical Code" (NEC). These products are also intended for installation and use in accordance with the following information.

MUD RINGS

A mud ring positions a flush-mounted wiring device flush with the finished wall surface. Mud rings may be provided with either a fixed or adjustable depth sleeve.

EXTENSION RINGS

Extension rings are suitable for extending properly secured flush- or surface-mounted boxes. One or more extensions may be used. An extension ring is intended to increase the box depth, volume, or both.

CONDUIT BODIES

Conduit bodies that are provided with a volume marking can enclose splices, taps or devices. Conduit bodies that are not provided with a volume marking are covered under Conduit Fittings (DWTT). Conduit bodies certified for use with specific conduit body covers and conduit body covers certified for use with specific conduit bodies are covered under Conduit Bodies and Covers Certified for Use with Specified Equipment (QCKW).

Conduit bodies that have been investigated for a specific combination of conductors are marked, on the conduit body or on or within the unit container of the conduit body, with the maximum number and maximum size of the conductors for which they are intended. For other conductor sizes and combinations, the total cross-sectional area of the fill should not exceed the cross-sectional area of the conductors specified in the marking. The total cross-sectional area is determined using the following type of conductor:

(a) Type THHN or T90 Nylon for a fitting for use with 1/2 or 3/4 (16 or 21) trade size conduit or tubing, and

(b) Type XHHW or RW90 XLPE for a fitting for use with 1 - 4 (27 - 103) trade size tubing and for use with 1 - 6 (27 - 155) trade size conduit.

CONCENTRIC OR ECCENTRIC KNOCKOUTS

All boxes with concentric or eccentric knockouts have been investigated for bonding and are suitable for bonding without any additional bonding means around concentric (or eccentric) knockouts where used in circuits above or below 250 V, and may be marked as such.

CLAMPS

Boxes may or may not be provided with clamps. When clamps are provided, the carton is marked to indicate the type of wiring system or combination of systems for which they have been tested. The clamps are marked with the following letters or combinations thereof to indicate that they are suitable for use with armored cable ("A"): flexible metal conduit - "F," nonmetallic-sheathed cable - "N," or flexible tubing (loom) - "T." Clamps suitable for Type MC metal-clad cable are marked "MCI" for metal-clad interlocking armored cable, "MCI-A" for metal-clad interlocking armor ground cable, "MCS" for metal-clad continuous smooth-sheath cable, and "MCC" for metal-clad continuous corrugated-sheath cable. If suitable for all seven types, the clamp is marked "ALL." Clamps suitable for nonmetallic-sheathed cable are also suitable for multiconductor underground feeder and branch circuit cable where used in dry locations.

Clamps have been tested for securing only one cable per clamp, except multiple section clamps are considered suitable for securing one cable under each section of the clamp, each cable entering a separate knockout.

GROUNDING

Clamps for armored cable, flexible metal conduit, metal-clad interlocking armor ground cable, metal-clad continuous smooth-sheath cable, or metal-clad continuous corrugated-sheath cable are considered suitable for grounding where installed in accordance with the NEC.

FIXTURE/LUMINAIRE SUPPORT

A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing 50 lbs or less is marked "FOR FIXTURE/LUMINAIRE SUPPORT" on the carton to indicate that the box is intended for fixture/luminaire support. A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing more than 50 lbs is marked with the weight of the fixture/luminaire to be supported. Metallic device boxes and device plaster rings have not been investigated for support of a ceiling fixture/luminaire unless marked for use in ceilings, walls, and with the weight of the product to be supported. Metallic device boxes or metallic device boxes intended to be installed in an existing structure have been investigated for the support of utilization equipment weighing not more than 6 lbs.

INTEGRAL CONNECTORS

Boxes with integral connectors for electrical metallic tubing or for unthreaded rigid metallic conduit are provided with a marking on the carton to indicate the specific type or types of wiring system for which the boxes have been tested.

CEILING-SUSPENDED-FAN SUPPORT

A box, or a box with a bracket or bar hanger intended for support of a ceiling-suspended (paddle) fan weighing 35 lbs or less is marked "ACCEPTABLE FOR FAN SUPPORT" on the product. A box, or a box with a bracket or bar hanger intended for support of a ceiling-suspended (paddle) fan weighing more than 35 lbs but not more than 70 lbs is marked "ACCEPTABLE FOR FAN SUPPORT OF 70 LBS OR LESS" on the product. A box, or a box with a bracket or bar hanger intended for support of a ceiling-suspended (paddle) fan is acceptable for use with a fixture/luminaire when provided with the above fixture/luminaire-support markings.

CONCRETE TIGHT

All metal boxes, except aluminum alloy boxes, are provided with corrosion protection suitable for installation in concrete. Aluminum alloy boxes covered under this category are not considered acceptable for installation in concrete or cinder fill unless protected by asphalt paint or the equivalent. Boxes designated as "concrete tight" may have no means of support other than the concrete and often accommodate covers at top and bottom.

FLOOR BOXES

Floor boxes designed for floor installation as covered in the NEC are provided with covers and gaskets to exclude surface water and sweeping compounds that might be present in floor cleaning operations. Covers with gaskets may be shipped separately from the boxes. Both products are provided with installation instructions. Those boxes intended for installation in concrete floors are frequently provided with leveling screws, threaded hubs or both, and are provided with a marking on the carton to identify boxes of this type such as "Floor Box Cover," "Floor Box" or "Floor Box, Concrete Tight," as appropriate. Floor boxes may be provided with wiring devices. Refer to **WET AND DAMP LOCATIONS** below for clarifying information on the suitability of concrete-tight floor boxes not intended to be exposed to weather that are installed in concrete slabs or masonry.

WET AND DAMP LOCATIONS

Boxes and covers intended for use in wet locations as defined by the NEC are marked "Wet Location." Damp location boxes and covers are intended to be so located or equipped as to prevent water from entering or accumulating in the box and are marked "Damp Location." Boxes with threaded conduit hubs will normally prevent water from entering except for condensation within the box or connected conduit.

Box and device cover combinations, and flush device covers that provide protection from the weather only when the cover is closed, are marked "Wet Location Only When Cover Closed" and may be marked "Damp Location." Outlet box hoods intended for use in damp or wet locations are marked for each location and may be marked "Extra-Duty."

Floor boxes designated as "concrete tight" installed in concrete slabs or masonry are not considered to be in wet locations when the following conditions are met:

1. a vapor barrier is installed between the earth and a concrete slab or masonry (i.e., the concrete slab or masonry is not in direct contact with the earth),
2. the floor box is protected from exposure to weather within a building as defined by the NEC, and
3. the concrete slab or masonry above the vapor barrier is not subject to saturation by water or other liquids.

ENVIRONMENTAL INSTALLATION

Boxes may be marked with the environmental Enclosure Type number (1, 2, 3, 3R, etc.) as described in Electrical Equipment for Use in Ordinary Locations (AALZ).

Boxes marked with Enclosure Type 3X or "Corrosion Protection" provide the same level of protection as Type 3 enclosures, and are provided with an additional level of corrosion protection for the enclosure.

RELATED PRODUCTS

Outlet box assemblies that include certified outlet boxes and one or more of the following certified parts: wiring device, mud ring, cover plate, wet-location gasket and cover plate, wet-location gasket and outlet box hood, or other factory-assembled parts, are covered under Wiring Assemblies (QQYZ).

For information on the use of metallic electrical outlet boxes in fire-rated assemblies, see Fire-resistance Ratings - ANSI/UL 263 (BXUV).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations (AALZ).

REQUIREMENTS

The basic standards used to investigate products in this category are ANSI/UL 514A, "Metallic Outlet Boxes," and ANSI/UL 514D, "Cover Plates for Flush-Mounted Wiring Devices."

UL MARK

The Certification Mark of UL on the product, or the UL symbol on the product and the Certification Mark on the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The Certification Mark for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Alternate UL Mark

The Listing Mark of UL on the product, or the UL symbol on the product and the Listing Mark on the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and one of the following product names: "Outlet Box," "Outlet Box and Cover," "Extension Ring," "Flush Device Box," or other appropriate product name as shown in the individual Listings.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

Fire-resistance Ratings - ANSI/UL 263

METALLIC ELECTRICAL OUTLET BOXES

Metallic outlet boxes with metallic or nonmetallic cover plates may be used in floor-ceiling and roof-ceiling assemblies with ratings not exceeding 2 hours. These assemblies should have gypsum board membranes. The metallic outlet boxes should be securely fastened to the joists and the opening in the gypsum board facing should be cut so that the clearance between the box and the gypsum board does not exceed 1/8 in. The surface area of individual boxes should not exceed 16 sq. in. The aggregate surface area of the boxes should not exceed 100 sq. in. per 100 sq. ft of ceiling surface.

METALLIC ELECTRICAL OUTLET BOXES

Certified single- and double-gang metallic outlet and switch boxes with metallic or nonmetallic cover plates may be used in bearing and nonbearing wood stud and steel stud walls with ratings not exceeding 2 h. The metallic outlet or switch boxes should be securely fastened to the studs and the opening in the gypsum board facing should be cut so that the clearance between the box and the wallboard does not exceed 1/8 in. The surface area of individual metallic outlet or switch boxes should not exceed 16 sq in. The aggregate surface area of the boxes should not exceed 100 sq in. per 100 sq ft of wall surface. The aggregate surface area of the boxes may be exceeded when Wall-opening Protective Materials (CLIV) are installed according to the requirements of their certification.

Metallic boxes located on opposite sides of walls or partitions should be separated by a minimum horizontal distance of 24 in. This minimum separation distance between metallic boxes may be reduced when Wall-opening Protective Materials (CLIV) are installed according to the requirements of their certification.

Metallic boxes should not be installed on opposite side of walls or partitions of staggered stud construction unless wall-opening protective materials are installed with the metallic boxes in accordance with certification requirements for the protective materials.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

ARTICLE 100 DEFINITIONS

Accessible (as applied to wiring methods). Capable of being removed or exposed without damaging the building structure or finish or not permanently closed in by the structure or finish of the building.

Ampacity. The maximum current, in amperes, that a conductor can carry continuously under the conditions of use without exceeding its temperature rating.

Approved. Acceptable to the authority having jurisdiction.

Authority Having Jurisdiction (AHJ). An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure.

Informational Note: The phrase "authority having jurisdiction," or its acronym AHJ, is used in NFPA documents in a broad manner, since jurisdictions and approval agencies vary, as do their responsibilities. Where public safety is primary, the authority having jurisdiction may be a federal, state, local, or other regional department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, labor department, or health department; building official; electrical inspector; or others having statutory authority. For insurance purposes, an insurance inspection department, rating bureau, or other insurance company representative may be the authority having jurisdiction. In many circumstances, the property owner or his or her designated agent assumes the role of the authority having jurisdiction; at government installations, the commanding officer or departmental official may be the authority having jurisdiction.

Bonded (Bonding). Connected to establish electrical continuity and conductivity.

Bonding Conductor or Jumper. A reliable conductor to ensure the required electrical conductivity between metal parts required to be electrically connected.

Branch Circuit. The circuit conductors between the final over-current device protecting the circuit and the outlet(s).

Branch Circuit, Appliance. A branch circuit that supplies energy to one or more outlets to which appliances are to be connected and that has no permanently connected luminaires that are not a part of an appliance.

Branch Circuit, General-Purpose. A branch circuit that supplies two or more receptacles or outlets for lighting and appliances.

Conduit Body. A separate portion of a conduit or tubing system that provides access through a removable cover(s) to the interior of the system at a junction of two or more sections of the system or at a terminal point of the system.

Boxes such as FS and FD or larger cast or sheet metal boxes are not classified as conduit bodies.

Connector, Pressure (Solderless). A device that establishes a connection between two or more conductors or between one or more conductors and a terminal by means of mechanical pressure and without the use of solder.

Continuous Load. A load where the maximum current is expected to continue for 3 hours or more.

Device. A unit of an electrical system, other than a conductor, that carries or controls electric energy as its principal function.

Electric Sign. A fixed, stationary, or portable self-contained, electrically operated and/or electrically illuminated utilization equipment with words or symbols designed to convey information or attract attention.

Enclosed. Surrounded by a case, housing, fence, or wall(s) that prevents persons from accidentally contacting energized parts.

Equipment. A general term, including fittings, devices, appliances, luminaires, apparatus, machinery, and the like used as a part of, or in connection with, an electrical installation.

Feeder. All circuit conductors between the service equipment, the source of a separately derived system, or other power supply source and the final branch-circuit overcurrent device.

Fitting. An accessory such as a locknut, bushing, or other part of a wiring system that is intended primarily to perform a mechanical rather than an electrical function.

Grounded (Grounding). Connected (connecting) to ground or to a conductive body that extends the ground connection.

Grounded Conductor. A system or circuit conductor that is intentionally grounded.

Ground-Fault Circuit Interrupter (GFCI). A device intended for the protection of personnel that functions to de-energize a circuit or portion thereof within an established period of time when a current to ground exceeds the values established for a Class A device.

Informational Note: Class A ground-fault circuit interrupters trip when the current to ground is 6 mA or higher and do not trip when the current to ground is less than 4 mA. For further information, see UL 943, *Standard for Ground-Fault Circuit Interrupters*.

Grounding Conductor, Equipment (EGC). The conductive path(s) that provides a ground-fault current path and connects normally non-current-carrying metal parts of equipment together and to the system grounded conductor or to the grounding electrode conductor, or both.

Informational Note No. 1: It is recognized that the equipment grounding conductor also performs bonding.
Informational Note No. 2: See 250.118 for a list of acceptable equipment grounding conductors.

Grounding Electrode. A conducting object through which a direct connection to earth is established.

Grounding Electrode Conductor. A conductor used to connect the system grounded conductor or the equipment to a grounding electrode or to a point on the grounding electrode system.

Lighting Outlet. An outlet intended for the direct connection of a lampholder or luminaire.

Listed. Equipment, materials, or services included in a list published by an organization that is acceptable to the authority having jurisdiction and concerned with evaluation of products or services, that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services, and whose listing states that either the equipment, material, or service meets appropriate designated standards or has been tested and found suitable for a specified purpose.

Informational Note: The means for identifying listed equipment may vary for each organization concerned with product evaluation, some of which do not recognize equipment as listed unless it is also labeled. Use of the system employed by the listing organization allows the authority having jurisdiction to identify a listed product.

Location, Damp. Locations protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture.

Informational Note: Examples of such locations include partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, some barns, and some cold-storage warehouses.

Location, Dry. A location not normally subject to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.

Location, Wet. Installations underground or in concrete slabs or masonry in direct contact with the earth; in locations subject to saturation with water or other liquids, such as vehicle washing areas; and in unprotected locations exposed to weather.

Luminaire. A complete lighting unit consisting of a light source such as a lamp or lamps, together with the parts designed to position the light source and connect it to the power supply. It may also include parts to protect the light source or the ballast or to distribute the light. A lampholder itself is not a luminaire.

Neutral Conductor. The conductor connected to the neutral point of a system that is intended to carry current under normal conditions.

Outlet. A point on the wiring system at which current is taken to supply utilization equipment.

Overcurrent. Any current in excess of the rated current of equipment or the ampacity of a conductor. It may result from overload, short circuit, or ground fault.

Informational Note: A current in excess of rating may be accommodated by certain equipment and conductors for a given set of conditions. Therefore, the rules for overcurrent protection are specific for particular situations.

Overload. Operation of equipment in excess of normal, full-load rating, or of a conductor in excess of rated ampacity that, when it persists for a sufficient length of time, would cause damage or dangerous overheating. A fault, such as a short circuit or ground fault, is not an overload.

Panelboard. A single panel or group of panel units designed for assembly in the form of a single panel, including buses and automatic overcurrent devices, and equipped with or without switches for the control of light, heat, or power circuits; designed to be placed in a cabinet or cutout box placed in or against a wall, partition, or other support; and accessible only from the front.

Photovoltaic (PV) System. The total components and subsystem that, in combination, convert solar energy into electric energy for connection to a utilization load.

Plenum. A compartment or chamber to which one or more air ducts are connected and that forms part of the air distribution system.

Power Outlet. An enclosed assembly that may include receptacles, circuit breakers, fuseholders, fused switches, buses, and watt-hour meter mounting means; intended to supply and control power to mobile homes, recreational vehicles, park trailers, or boats or to serve as a means for distributing power required to operate mobile or temporarily installed equipment.

Qualified Person. One who has skills and knowledge related to the construction and operation of the electrical equipment and installations and has received safety training to recognize and avoid the hazards involved.

Informational Note: Refer to NFPA 70E-2012, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Raceway. An enclosed channel designed expressly for holding wires, cables, or busbars, with additional functions as permitted in this Code.

Informational Note: A raceway is identified within specific article definitions.

Raintight. Constructed or protected so that exposure to a beating rain will not result in the entrance of water under specified test conditions.

Receptacle. A contact device installed at the outlet for the connection of an attachment plug, or for the direct connection of electrical utilization equipment designed to mate with the corresponding contact device. A single receptacle is a single contact device with no other contact device on the same yoke. A multiple receptacle is two or more contact devices on the same yoke.

Receptacle Outlet. An outlet where one or more receptacles are installed.

Switch, General-Use. A switch intended for use in general distribution and branch circuits. It is rated in amperes, and it is capable of interrupting its rated current at its rated voltage.

Switch, General-Use Snap. A form of general-use switch constructed so that it can be installed in device boxes or on box covers, or otherwise used in conjunction with wiring systems recognized by this Code.

Voltage (of a circuit). The greatest root-mean-square (rms) (effective) difference of potential between any two conductors of the circuit concerned.

Informational Note: Some systems, such as 3-phase 4-wire, single-phase 3-wire, and 3-wire direct current, may have various circuits of various voltages.

Voltage, Nominal. A nominal value assigned to a circuit or system for the purpose of conveniently designating its voltage class (e.g., 120/240 volts, 480Y/277 volts, 600 volts.)

Informational Note No. 1: The actual voltage at which a circuit operates can vary from the nominal within a range that permits satisfactory operation of equipment.

Informational Note No. 2: See ANSI C84.1-2011, *Voltage Ratings for Electric Power Systems and Equipment* (60 Hz).

Informational Note No. 3: Certain battery units may be considered to be rated at nominal 48 volts dc, but may have a charging float voltage up to 58 volts. In dc applications, 60 volts is used to cover the entire range of float voltages.

Voltage to Ground. For grounded circuits, the voltage between the given conductor and that point or conductor of the circuit that is grounded; for ungrounded circuits, the greatest voltage between the given conductor and any other conductor of the circuit.

Watertight. Constructed so that moisture will not enter the enclosure under specified test conditions.

Weatherproof. Constructed or protected so that exposure to the weather will not interfere with successful operation.

Informational Note: Rainproof, raintight, or watertight equipment can fulfill the requirements for weatherproof where varying weather conditions other than wetness, such as snow, ice, dust, or temperature extremes, are not a factor.

210.8 Ground-Fault Circuit-Interrupter Protection for Personnel.

A listed Class A GFCI shall provide protection in accordance with 210.8(A) through (F). The GFCI shall be installed in a readily accessible location.

Informational Note: See 215.9 for GFCI protection on feeders. For the purposes of this section, the distance from receptacles shall be measured as the shortest path the power supply cord connected to the receptacle would follow without piercing a floor, wall, ceiling, or fixed barrier.

(A) Dwelling Units.

All 125-volt through 250-volt receptacles installed in the following locations and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel:

- (1) Bathrooms
- (2) Garages and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use
- (3) Outdoors
- (4) Crawl spaces — at or below grade level
- (5) Basements
- (6) Kitchens
- (7) Areas with sinks and permanent provisions for food preparation, beverage preparation, or cooking
- (8) Sinks - where receptacles are installed within 1.8 m (6 ft) from the top inside edge of the bowl of the sink
- (9) Boathouses
- (10) Bathtubs or shower stalls — where receptacles are installed within 1.8 m (6 ft) of the outside edge of the bathtub or shower stall
- (11) Laundry areas
- (12) Indoor damp and wet locations

Exception No. 1: Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing, or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

Exception No. 2: A receptacle supplying only a permanently installed premises security system shall be permitted to omit ground-fault circuit-interrupter protection.

Exception No. 3: Listed weight-supporting ceiling receptacles (WSCR) utilized in combination with compatible weight-supporting attachment fittings (WSAF) installed for the purpose of supporting a ceiling luminaire or ceiling-suspended fan shall be permitted to omit ground-fault circuit-interrupter protection. If a general-purpose convenience receptacle is integral to the ceiling luminaire or ceiling-suspended fan, GFCI protection shall be provided.

Exception No. 4: Factory-installed receptacles that are not readily accessible and are mounted internally to bathroom exhaust fan assemblies shall not require GFCI protection unless required by the installation instructions or listing.

Informational Note: See 760.41(B) and 760.121(B) for power supply requirements for fire alarm systems.

(B) Other Than Dwelling Units.

All 125-volt through 250-volt receptacles supplied by single-phase branch circuits rated 150 volts or less to ground, 50 amperes or less, and all receptacles supplied by three-phase branch circuits rated 150 volts or less to ground, 100 amperes or less, installed in the following locations shall be provided with GFCI protection:

- (1) Bathrooms
- (2) Kitchens
- (3) Areas with sinks and permanent provisions for food preparation, beverage preparation, or cooking

- (4) Buffet serving areas with permanent provisions for food serving, beverage serving, or cooking
- (5) Rooftops
- (6) Outdoors
- (7) Sinks where receptacles or cord-and-plug-connected fixed or stationary appliances are installed within 1.8 m (6 ft) from the top inside edge of the bowl of the sink
- (8) Indoor damp or wet locations
- (9) Locker rooms with associated showering facilities
- (10) Garages, accessory buildings, service bays, and similar areas other than vehicle exhibition halls and showrooms
- (11) Crawl spaces at or below grade level
- (12) Unfinished areas of basements
- (13) Aquariums, bait wells, and similar open aquatic vessels or containers, such as tanks or bowls, where receptacles are installed within 1.8 m (6 ft.) from the top inside edge or rim or from the conductive support framing of the vessel or container
- (14) Laundry areas
- (15) Bathtubs and shower stalls where receptacles are installed within 1.8 m (6 ft) of the outside edge of the bathtub or shower stall

Exception No. 1: Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing, or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

Exception No. 2: Receptacles on rooftops shall not be required to be readily accessible other than from the rooftop.

Exception No. 3: Receptacles or cord-and-plug-connected fixed and stationary appliances installed within 1.8 m (6 ft) from the top inside edge of a bowl of a sink shall not be required to be GFCI protected in industrial establishments where the conditions of maintenance and supervision ensure that only qualified personnel are involved, an assured equipment grounding conductor program in accordance with 590.6(B)(2) shall be permitted for only those receptacle outlets used to supply equipment that would create a greater hazard if power is interrupted or that has a design not compatible with GFCI protection.

Exception No. 4: Receptacles or cord-and-plug-connected fixed and stationary appliances installed within 1.8 m (6 ft) from the top inside edge of a bowl of a sink shall not be required to be GFCI protected in industrial laboratories where the receptacles are used to supply equipment if removal of power would introduce a greater hazard.

Exception No. 5: Receptacles located in patient bed locations of Category 2 (general care) or Category 1 (critical care) spaces of health care facilities shall be permitted to comply with 517.21.

Exception No. 6: Listed weight-supporting ceiling receptacles (WSCR) utilized in combination with compatible weight-supporting attachment fittings (WSAF) installed for the purpose of serving a ceiling luminaire or ceiling-suspended fan shall be permitted to omit GFCI protection. If a general-purpose convenience receptacle is integral to the ceiling luminaire or ceiling-suspended fan, GFCI protection shall be provided.

(C) Crawl Space Lighting Outlets.

GFCI protection shall be provided for lighting outlets not exceeding 120 volts installed in crawl spaces.

(D) Specific Appliances.

GFCI protection shall be provided for the branch circuit or outlet supplying the following appliances rated 150 volts or less to ground and 60 amperes or less, single- or 3-phase:

- (1) Automotive vacuum machines
- (2) Drinking water coolers and bottle fill stations
- (3) High-pressure spray washing machines
- (4) Tire inflation machines
- (5) Vending machines
- (6) Sump pumps

- (7) Dishwashers
- (8) Electric ranges
- (9) Wall-mounted ovens
- (10) Counter-mounted cooking units
- (11) Clothes dryers
- (12) Microwave ovens

(E) Equipment Requiring Servicing.

GFCI protection shall be provided for the receptacles required by 210.63.

F) Outdoor Outlets.

For dwellings, all outdoor outlets, other than those covered in 210.8(A), Exception No. 1, including outlets installed in the following locations, and supplied by single-phase branch circuits rated 150 volts or less to ground, 50 amperes or less, shall be provided with GFCI protection:

- (1) Garages that have floors located at or below grade level
- (2) Accessory buildings
- (3) Boathouses

If equipment supplied by an outlet covered under the requirements of this section is replaced, the outlet shall be supplied with GFCI protection.

Exception No. 1: GFCI protection shall not be required on lighting outlets other than those covered in 210.8(B).

Exception No. 2: GFCI protection shall not be required for listed HVAC equipment. This exception shall expire September 1, 2026.

210.11 Branch Circuits Required.

Branch circuits for lighting and for appliances, including motor-operated appliances, shall be provided to supply the loads calculated in accordance with 220.10. In addition, branch circuits shall be provided for specific loads not covered by 220.10 where required elsewhere in this Code and for dwelling unit loads as specified in 210.11(C).

(A) Number of Branch Circuits.

The minimum number of branch circuits shall be determined from the total calculated load and the size or rating of the circuits used. In all installations, the number of circuits shall be sufficient to supply the load served. In no case shall the load on any circuit exceed the maximum specified by 220.11.

(B) Load Evenly Proportioned Among Branch Circuits.

Where the load is calculated on the basis of volt-amperes per square meter or per square foot, the wiring system up to and including the branch-circuit panelboard(s) shall be provided to serve not less than the calculated load. This load shall be evenly proportioned among multioutlet branch circuits within the panelboard(s). Branch-circuit overcurrent devices and circuits shall be required to be installed only to serve the connected load.

(C) Dwelling Units.

(1) Small-Appliance Branch Circuits. In addition to the number of branch circuits required by other parts of this section, two or more 20-ampere small-appliance branch circuits shall be provided for all receptacle outlets specified by 210.52(B).

(2) Laundry Branch Circuits. In addition to the number of branch circuits required by other parts of this section, at least one additional 20-ampere branch circuit shall be provided to supply the laundry receptacle outlet(s) required by 210.52(F). This circuit shall have no other outlets.

(3) Bathroom Branch Circuits. In addition to the number of branch circuits required by other parts of this section, one or more 120-volt, 20-ampere branch circuit shall be provided to supply bathroom(s) receptacle outlet(s) required by 210.52(D) and any countertop and similar work surface receptacle outlets. Such circuits shall have no other outlets.

Exception: Where the 20-ampere circuit supplies a single bathroom, outlets for other equipment within the same bathroom shall be permitted to be supplied in accordance with 210.23(B)(1) and (B)(2).

(4) Garage Branch Circuits. In addition to the number of branch circuits required by other parts of this section, at least one 120-volt, 20-ampere branch circuit shall be installed to supply receptacle outlets, including those required by 210.52(G)(1) for attached garages and in detached garages with electric power. This circuit shall have no other outlets. Additional branch circuits rated 15 amperes or greater shall be permitted to serve receptacle outlets other than those required by 210.52(G)(1).

Exception No. 1: This circuit shall be permitted to supply outdoor receptacle outlets.

Exception No. 2: Where the 20-ampere circuit supplies a single vehicle bay garage, outlets for other equipment within the same garage shall be permitted to be supplied in accordance with 210.23(B)(1) and (B)(2).

210.12 Arc-Fault Circuit-Interrupter Protection.

Arc-fault circuit-interrupter (AFCI) protection shall be installed in accordance with 210.12(B) through (E) by any of the means described in 210.12(A)(1) through (A)(6). The AFCI shall be listed and installed in a readily accessible location.

(A) Means of Protection. AFCI protection shall be provided by any of the following means:

- (1) A listed combination-type AFCI installed to provide protection of the entire branch circuit.
- (2) A listed branch-feeder-type AFCI installed at the origin of the branch-circuit in combination with a listed outlet branch-circuit-type AFCI installed on the branch circuit at the first outlet box, which shall be marked to indicate that it is the first outlet of the branch circuit.
- (3) A listed supplemental arc protection circuit breaker installed at the origin of the branch circuit in combination with a listed outlet branch-circuit-type AFCI installed on the branch circuit at the first outlet box if all of the following conditions are met:
 - a. The branch-circuit wiring shall be continuous from the branch-circuit overcurrent device to the outlet branch-circuit AFCI.
 - b. The maximum length of the branch-circuit wiring from the branch-circuit overcurrent device to the first outlet shall not exceed 15.2 m (50 ft) for a 14 AWG conductor or 21.3 m (70 ft) for a 12 AWG conductor.
 - c. The first outlet box shall be marked to indicate that it is the first outlet of the branch circuit.
- (4) A listed outlet branch-circuit-type AFCI installed on the branch circuit at the first outlet in combination with a listed branch-circuit overcurrent protective device if all of the following conditions are met:
 - a. The branch-circuit wiring shall be continuous from the branch-circuit overcurrent device to the outlet branch-circuit AFCI.
 - b. The maximum length of the branch-circuit wiring from the branch-circuit overcurrent device to the first outlet shall not exceed 15.2 m (50 ft) for a 14 AWG conductor or 21.3 m (70 ft) for a 12 AWG conductor.
 - c. The first outlet box shall be marked to indicate that it is the first outlet of the branch circuit.

d. The combination of the branch-circuit overcurrent device and outlet branch-circuit AFCI shall be identified as meeting the requirements for a system combination-type AFCI and listed as such.

(5) If metal raceway, metal wireways, metal auxiliary gutters, or Type MC or Type AC cable meeting the applicable requirements of 250.118, with metal boxes, metal conduit bodies, and metal enclosures are installed for the portion of the branch circuit between the branch-circuit overcurrent device and the first outlet, it shall be permitted to install a listed outlet branch-circuit-type AFCI at the first outlet to provide protection for the remaining portion of the branch circuit.

(6) Where a listed metal or nonmetallic conduit or tubing or Type MC cable is encased in not less than 50 mm (2 in.) of concrete for the portion of the branch circuit between the branch-circuit over current device and the first outlet, it shall be permitted to install a listed outlet branch-circuit-type AFCI at the first outlet to provide protection for the remaining portion of the branch circuit.

Informational Note: See UL 1699-2011, Standard for Arc-Fault Circuit-Interrupters, for information on combination-type and branch/feeder-type AFCI devices. See UL Subject 1699A, Outline of Investigation for Outlet Branch Circuit Arc-Fault Circuit-Interrupters, for information on outlet branch-circuit type AFCI devices. See UL Subject 1699C, Outline of Investigation for System Combination Arc-Fault Circuit Interrupters, for information on system combination AFCIs.

(B) Dwelling Units. All 120-volt, single-phase, 10-, 15-, and 20-ampere branch circuits supplying outlets or devices installed in the following locations shall be protected by any of the means described in 210.12(A)(1) through (A)(6):

- (1) Kitchens
- (2) Family rooms
- (3) Dining rooms
- (4) Living rooms
- (5) Parlors
- (6) Libraries
- (7) Dens
- (8) Bedrooms
- (9) Sunrooms
- (10) Recreation rooms
- (11) Closets
- (12) Hallways
- (13) Laundry areas
- (14) Similar areas

Exception No. 1: AFCI protection shall not be required for an individual branch circuit supplying a fire alarm system installed in accordance with 760.41(B) or 760.121(B). The branch circuit shall be installed in a metal raceway, metal auxiliary gutter, steel-armored cable, or Type MC or Type AC cable meeting the applicable requirements of 250.118, with metal boxes, conduit bodies, and enclosures.

Exception No. 2: AFCI protection shall not be required for the individual branch circuit supplying an outlet for arc welding equipment in a dwelling unit until January 1, 2025.

Informational Note No. 1: See NFPA 72-2022, National Fire Alarm and Signaling Code, 29.9.4(5), for information on secondary power source requirements for smoke alarms installed in dwelling units.

Informational Note No. 2: See 760.41(B) and 760.121(B) for power source requirements for the fire alarm systems.

(C) Dormitory Units. All 120-volt, single-phase, 10-, 15-, and 20-ampere branch circuits supplying outlets or devices installed in the following locations shall be protected by any of the means described in 210.12(A)(1) through (A)(6):

- (1) Bedrooms
- (2) Living rooms
- (3) Hallways
- (4) Closets
- (5) Bathrooms
- (6) Similar rooms

(D) Other Occupancies. All 120-volt, single-phase, 10-, 15-, and 20-ampere branch circuits supplying outlets or devices installed in the following locations shall be protected by any of the means described in 210.12(A)(1) through (A)(6):

- (1) Guest rooms and guest suites of hotels and motels
- (2) Areas used exclusively as patient sleeping rooms in nursing homes and limited-care facilities
- (3) Areas designed for use exclusively as sleeping quarters in fire stations, police stations, ambulance stations, rescue stations, ranger stations, and similar locations

(E) Branch Circuit Wiring Extensions, Modifications, or Replacements. If branch-circuit wiring for any of the areas specified in 210.12(B), (C), or (D) is modified, replaced, or extended, the branch circuit shall be protected by one of the following:

- (1) By any of the means described in 210.12(A)(1) through (A)(6)
- (2) A listed outlet branch-circuit-type AFCI located at the first receptacle outlet of the existing branch circuit

Exception: AFCI protection shall not be required where the extension of the existing branch-circuit conductors is not more than 1.8 m (6 ft) and does not include any additional outlets or devices, other than splicing devices. This measurement shall not include the conductors inside an enclosure, cabinet, or junction box.

210.50 Receptacle Outlets.

Receptacle outlets shall be installed as specified in 210.52 through 210.65.

Informational Note: See Informative Annex J for information regarding ADA accessibility design.

(A) Cord Pendants. A cord connector that is supplied by a permanently connected cord pendant shall be considered a receptacle outlet.

(B) Cord Connections. A receptacle outlet shall be installed wherever flexible cords with attachment plugs are used. Where flexible cords are permitted to be permanently connected, receptacles shall be permitted to be omitted for such cords.

(C) Appliance Receptacle Outlets. Appliance receptacle outlets installed in a dwelling unit for specific appliances, such as laundry equipment, shall be installed within 1.8 m (6 ft) of the intended location of the appliance.

210.52 Dwelling Unit Receptacle Outlets.

This section provides requirements for 125-volt, 15- and 20-ampere receptacle outlets. The receptacles required by this section shall be in addition to any receptacle that is as follows:

- (1) Part of a luminaire or appliance, or
- (2) Controlled by a listed wall-mounted control device in accordance with 210.70(A)(1), Exception No. 1, or
- (3) Located within cabinets or cupboards, or

(4) Located more than 1.7 m (5 1/2 ft) above the floor

Permanently installed electric baseboard heaters equipped with factory-installed receptacle outlets or outlets provided as a separate assembly by the manufacturer shall be permitted as the required outlet or outlets for the wall space utilized by such permanently installed heaters. Such receptacle outlets shall not be connected to the heater circuits.

Informational Note: Listed baseboard heaters include instructions that may not permit their installation below receptacle outlets.

(A) General Provisions. In every kitchen, family room, dining room, living room, parlor, library, den, sunroom, bedroom, recreation room, or similar room or area of dwelling units, receptacle outlets shall be installed in accordance with the general provisions specified in 210.52(A)(1) through (A)(4).

(1) Spacing.

Receptacles shall be installed such that no point measured horizontally along the floor line of any wall space is more than 1.8 m (6 ft) from a receptacle outlet.

(2) Wall Space.

As used in this section, a wall space shall include the following:

(1) Any space 600 mm (2 ft) or more in width (including space measured around corners) and unbroken along the floor line by doorways and similar openings, fireplaces, stationary appliances, and fixed cabinets that do not have countertops or similar work surfaces

(2) The space occupied by fixed panel in wall, excluding sliding panels.

(3) The space afforded by fixed room dividers, such as freestanding bar-type counters or railings

(3) Floor Receptacles.

Receptacle outlets in or on floors shall not be counted as part of the required number of receptacle outlets unless located within 450 mm (18 in.) of the wall.

(4) Countertop and Similar Work Surface Receptacle Outlets.

Receptacles installed for countertop and similar work surfaces as specified in 210.52(C) shall not be considered as the receptacle outlets required by 210.52(A).

(B) Small Appliances.

(1) Receptacle Outlets Served.

In the kitchen, pantry, breakfast room, dining room, or similar area of a dwelling unit, the two or more 20-ampere small-appliance branch circuits required by 210.11(C)(1) shall serve all wall and floor receptacle outlets covered by 210.52(A), all countertop outlets covered by 210.52(C), and receptacle outlets for refrigeration equipment.

Exception No. 1: In addition to the required receptacles specified by 210.52, switched receptacles supplied from a general-purpose 15- or 20-ampere branch circuit shall be permitted in accordance with 210.70(A)(1), Exception No. 1.

Exception No. 2: In addition to the required receptacles specified by 210.52, a receptacle outlet to serve a specific appliance shall be permitted to be supplied from an individual branch circuit rated 15 amperes or greater.

(2) No Other Outlets.

The two or more small-appliance branch circuits specified in 210.52(B)(1) shall have no other outlets.

Exception No. 1: A receptacle installed solely for the electrical supply to and support of an electric clock in any of the rooms specified in 210.52(B)(1) shall be permitted to be served by a small-appliance branch circuit.

Exception No. 2: Receptacles installed to provide power for supplemental equipment and lighting on gas-fired ranges, ovens, or counter-mounted cooking units shall be permitted to be served by a small-appliance branch circuit.

(3) Kitchen Receptacle Requirements.

Receptacles installed in a kitchen to serve countertop surfaces shall be supplied by not fewer than two small-appliance branch circuits, either or both of which shall also be permitted to supply receptacle outlets in the

same kitchen and in other rooms specified in 210.52(B)(1). Additional small-appliance branch circuits shall be permitted to supply receptacle outlets in the kitchen and other rooms specified in 210.52(B)(1). No small-appliance branch circuit shall serve more than one kitchen.

(C) Countertops and Work Surfaces.

In kitchens, pantries, breakfast rooms, dining rooms, and similar areas of dwelling units, receptacle outlets for countertop and work surfaces that are 300 mm (12 in.) or wider shall be installed in accordance with 210.52(C)(1) through (C)(3) and shall not be considered as the receptacle outlets required by 210.52(A).

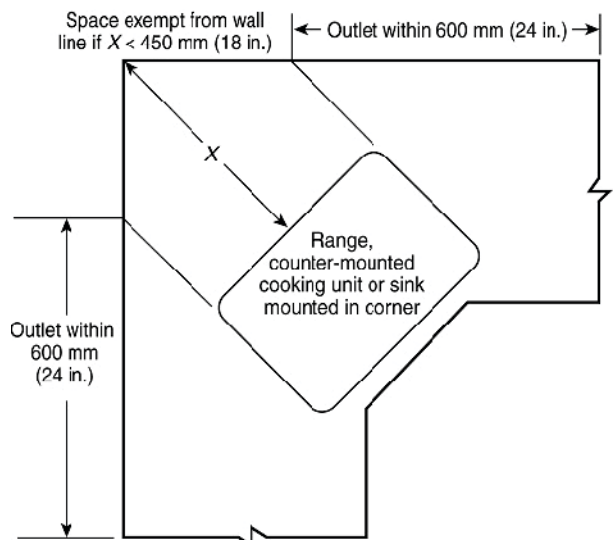
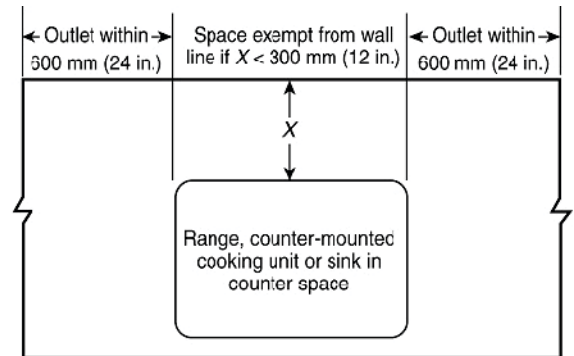
For the purposes of this section, where using multioutlet assemblies, each 300 mm (12 in.) of multioutlet assembly containing two or more receptacles installed in individual or continuous lengths shall be considered to be one receptacle outlet.

(1) Wall Spaces.

Receptacle outlets shall be installed so that no point along the wall line is more than 600 mm (24 in.) measured horizontally from a receptacle outlet in that space. The location of the receptacles shall be in accordance with 210.52(C)(3).

Exception No. 1: Receptacle outlets shall not be required directly behind a range, counter-mounted cooking unit, or sink in the installation described in Figure 210.52(C)(1).

Exception No. 2: Where a required receptacle outlet cannot be installed in the wall areas shown in Figure 210.52(C)(1), the receptacle outlet shall be permitted to be installed as close as practicable to the countertop area to be served. The total number of receptacle outlets serving the countertop shall not be less than the number needed to satisfy 210.52(C)(1). These outlet shall be located in accordance with 210.52(C)(3).



(2) Island and Peninsular Countertops and Work Surfaces.

Receptacle outlets, if installed to serve an island or peninsular countertop or work surface, shall be installed in accordance with 210.52(C)(3). If a receptacle outlet is not provided to serve an island or peninsular countertop or work surface, provisions shall be provided at the island or peninsular for future addition of a receptacle outlet to serve the island or peninsular countertop or work surface.

(3) Receptacle Outlet Location.

Receptacle outlets shall be located in one or more of the following:

- (1) On or above, but not more than 500 mm (20 in.) above, a countertop or work surface
- (2) In a countertop using receptacle outlet assemblies listed for use in countertops
- (3) In a work surface using receptacle outlet assemblies listed for use in work surfaces or listed for use in counter tops

Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks, or rangetops as covered in 210.52(C)(1), Exception No. 1, or appliances occupying assigned spaces shall not be considered as these required outlets.

Informational Note No. 1: See 406.5(E) for installation of receptacles in countertops and 406.5(F) for installation of receptacles in work surfaces. See 380.10 for installation of multioutlet assemblies.

Informational Note No. 2: See Informative Annex J and ANSI/ICC A117.1-2009, Standard on Accessible and Usable Buildings and Facilities, for additional information.

(D) Bathrooms.

At least one receptacle outlet shall be installed in bathrooms within 900 mm (3 ft) of the outside edge of each sink. The receptacle outlet shall be located on a wall or partition that is adjacent to the sink or sink countertop, located on the countertop, or installed on the side or face of the sink cabinet. In no case shall the receptacle be located more than 300 mm (12 in.) below the top of the sink or sink countertop. Receptacle outlet assemblies listed for use in countertops shall be permitted to be installed in the countertop.

Informational Note: See 406.5(E) and 406.5(G) for requirements on installation of receptacles in countertops

(E) Outdoor Outlets.

Outdoor receptacle outlets shall be installed in accordance with 210.52(E)(1) through (E)(3).

(1) One-Family and Two-Family Dwellings.

For a one-family dwelling and each unit of a two-family dwelling that is at grade level, at least one receptacle outlet readily accessible from grade and not more than 2.0 m (6 1/2 ft) above grade level shall be installed at the front and back of the dwelling.

(2) Multifamily Dwellings.

For each dwelling unit of a multifamily dwelling where the dwelling unit is located at grade level and provided with individual exterior entrance/egress, at least one receptacle outlet readily accessible from grade and not more than 2.0 m (6 1/2 ft) above grade level shall be installed.

(3) Balconies, Decks, and Porches.

Balconies, decks, and porches that are within 102 mm (4 in.) horizontally of the dwelling unit shall have at least one receptacle outlet accessible from the balcony, deck, or porch. The receptacle outlet shall not be located more than 2.0 m (6 1/2 ft) above the balcony, deck, or porch walking surface.

(F) Laundry Areas.

In dwelling units, at least one receptacle outlet shall be installed in areas designated for the installation of laundry equipment.

Exception No. 1: A receptacle for laundry equipment shall not be required in a dwelling unit of a multifamily building where laundry facilities are provided on the premises for use by all building occupants.

Exception No. 2: A receptacle for laundry equipment shall not be required in other than one-family dwellings where laundry facilities are not to be installed or permitted.

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(G) Basements, Garages, and Accessory Buildings.

For one- and two-family dwellings, and multifamily dwellings, at least one receptacle outlet shall be installed in the areas specified in 210.52(G)(1) through (G)(3). These receptacle shall be in addition to receptacles required for specific equipment. Receptacles supplying only a permanently installed premises security system shall not be considered as meeting these requirements.

(1) Garages.

In each attached garage and in each detached garage with electric power, at least one receptacle outlet shall be installed in each vehicle bay and not more than 1.7 m (5 1/2 ft) above the floor.

Exception: Garage spaces not attached to an individual dwelling unit of a multifamily dwelling shall not require a receptacle outlet in each vehicle bay.

(2) Accessory Buildings.

In each accessory building with electric power.

(3) Basements.

In each separate unfinished portion of a basement.

(H) Hallways.

In dwelling units, hallways of 3.0 m (10 ft) or more in length shall have at least one receptacle outlet.

As used in this subsection, the hallway length shall be considered the length along the centerline of the hallway without passing through a doorway.

(I) Foyers.

Foyers that are not part of a hallway in accordance with 210.52(H) and that have an area that is greater than 5.6 m² (60 ft²) shall have a receptacle(s) located in each wall space 900 mm (3 ft) or more in width. Doorways, door-side windows that extend to the floor, and similar openings shall not be considered wall space.

250.4 General Requirements for Grounding and Bonding.

The following general requirements identify what grounding and bonding of electrical systems are required to accomplish. The prescriptive methods contained in this article shall be followed to comply with the performance requirements of this section.

(A) Grounded Systems.

(1) Electrical System Grounding.

Electrical systems that are grounded shall be connected to earth in a manner that will limit the voltage imposed by lightning, line surges, or unintentional contact with higher-voltage lines and that will stabilize the voltage to earth during normal operation.

Informational Note No. 1: An important consideration for limiting the imposed voltage is the routing of bonding and grounding electrode conductors so that they are not any longer than necessary to complete the connection without disturbing the permanent parts of the installation and so that unnecessary bends and loops are avoided.

Informational Note No. 2: See NFPA 780-2020, Standard for the Installation of Lightning Protection Systems, for information on installation of grounding and bonding for lightning protection systems.

(2) Grounding of Electrical Equipment.

Normally non-current-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected to earth so as to limit the voltage to ground on these materials.

(3) Bonding of Electrical Equipment.

Normally non-current-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected together and to the electrical supply source in a manner that establishes an effective ground-fault current path.

(4) Bonding of Electrically Conductive Materials and Other Equipment.

Normally non-current-carrying electrically conductive materials that are likely to become energized shall be connected together and to the electrical supply source in a manner that establishes an effective ground-fault current path.

(5) Effective Ground-Fault Current Path.

Electrical equipment and wiring and other electrically conductive material likely to become energized shall be installed in a manner that creates a low-impedance circuit facilitating the operation of the overcurrent device or ground detector for impedance grounded systems. It shall be capable of safely carrying the maximum ground-fault current likely to be imposed on it from any point on the wiring system where a ground fault occurs to the electrical supply source. The earth shall not be considered as an effective ground-fault current path.

(B) Ungrounded Systems.

(1) Grounding Electrical Equipment.

Non-current-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected to earth in a manner that will limit the voltage imposed by lightning or unintentional contact with higher-voltage lines and limit the voltage to ground on these materials.

Informational Note: See NFPA 780-2020, Standard for the Installation of Lightning Protection Systems, for information on installation of grounding and bonding for lightning protection systems.

(2) Bonding of Electrical Equipment.

Non-current-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected together and to the supply system grounded equipment in a manner that creates a low-impedance path for ground-fault current that is capable of carrying the maximum fault current likely to be imposed on it.

(3) Bonding of Electrically Conductive Materials and Other Equipment.

Electrically conductive materials that are likely to become energized shall be connected together and to the supply system grounded equipment in a manner that creates a low-impedance path for ground-fault current that is capable of carrying the maximum fault current likely to be imposed on it.

(4) Path for Fault Current.

Electrical equipment, wiring, and other electrically conductive material likely to become energized shall be installed in a manner that creates a low-impedance circuit from any point on the wiring system to the electrical supply source to facilitate the operation of overcurrent devices should a second ground fault from a different phase occur on the wiring system. The earth shall not be considered as an effective fault-current path.

250.8 Connection of Grounding and Bonding Equipment.

(A) Permitted Methods.

Equipment grounding conductors, grounding electrode conductors, and bonding jumpers shall be connected by one or more of the following means:

- (1) Listed pressure connectors
- (2) Terminal bars
- (3) Pressure connectors listed as grounding and bonding equipment
- (4) Exothermic welding process
- (5) Machine screw-type fasteners that engage not less than two threads or are secured with a nut
- (6) Thread-forming machine screws that engage not less than two threads in the enclosure
- (7) Connections that are part of a listed assembly
- (8) Other listed means

(B) Methods Not Permitted.

Connection devices or fittings that depend solely on solder shall not be used.

250.10 Protection of Ground Clamps and Fittings.

Ground clamps or other fittings exposed to physical damage shall be enclosed in metal, wood, or equivalent protective covering.

250.12 Clean Surfaces.

Nonconductive coatings (such as paint, lacquer, and enamel) on equipment to be grounded or bonded shall be removed from threads and other contact surfaces to ensure electrical continuity or shall be connected by means of fittings designed to make such removal unnecessary.

Part V. Bonding

250.90 General.

Bonding shall be provided if necessary to ensure electrical continuity and the capacity to conduct safely any fault current likely to be imposed.

250.92 Services.

(A) Bonding of Equipment for Services.

The normally non-current-carrying metal parts of equipment indicated in the following shall be bonded together:

- (1) All raceways, cable trays, cablebus framework, auxiliary gutters, or service cable armor or sheath that enclose, contain, or support service conductors, except as permitted in 250.80
- (2) All enclosures containing service conductors, including meter fittings, boxes, or the like, interposed in the service raceway or armor

(B) Method of Bonding at the Service.

Bonding jumpers meeting the requirements of this article shall be used around impaired connections, such as reducing washers or oversized, concentric, or eccentric knockouts. Standard locknuts or bushings shall not be the only means for the bonding required by this section but shall be permitted to be installed to make a mechanical connection of the raceway(s).

Electrical continuity at service equipment, service raceways, and service conductor enclosures shall be ensured by one or more of the following methods:

- (1) Bonding equipment to the grounded service conductor by an applicable method in 250.8(A)
- (2) Connections made up wrenchtight using threaded couplings, threaded entries, or listed threaded hubs on enclosures
- (3) Threadless couplings and connectors if made up tight for metal raceways and metal-clad cables
- (4) Other listed devices, such as bonding-type locknuts, bushings, or bushings with bonding jumpers

250.102 Grounded Conductor, Bonding Conductors, and Jumpers.

(A) Material. Bonding jumpers shall be of copper, aluminum, copper-clad aluminum, or other corrosion-resistant material. A bonding jumper shall be a wire, bus, screw, or similar suitable conductor.

(B) Attachment. Bonding jumpers shall be attached in the manner specified in 250.8 for circuits and equipment and in 250.70 for grounding electrodes.

(C) Size — Supply-Side Bonding Jumper.

(1) Size for Supply Conductors in a Single Raceway or Cable. The supply-side bonding jumper shall not be smaller than specified in Table 250.102(C)(1).

(2) Size for Parallel Conductor Installations in Two or More Raceways or Cables. If the ungrounded supply conductors are connected in parallel in two or more raceways or cables, the supply-side bonding jumper shall be sized in accordance with either of the following:

- (1) An individual bonding jumper for each raceway or cable shall be selected from Table 250.102(C)(1) base on the size of the largest ungrounded supply conductor in each raceway or cable.
- (2) A single bonding jumper installed for bonding two or more raceways or cables shall be sized in accordance with Table 250.102(C)(1) based on the sum of the circular mil areas of the largest ungrounded conductors from each set connected in parallel in each raceway or cable. The size of the grounded conductor(s) in each raceway or cable shall be based on the largest ungrounded conductor in each raceway or cable, or the sum of the circular mil areas of the largest ungrounded conductors from each set connected in parallel in each raceway or cable.

Informational Note No. 1: The term supply conductors includes ungrounded conductors that do not have overcurrent protection on their supply side and terminate at service equipment or the first disconnecting means of a separately derived system.

Informational Note No. 2: See Chapter 9, Table 8, for the circular mil area of conductors 18 AWG through 4/0 AWG

(D) Size — Equipment Bonding Jumper on Load Side of an Overcurrent Device. The equipment bonding jumper on the load side of an overcurrent device(s) shall be sized in accordance with 250.122.

A single common continuous equipment bonding jumper shall be permitted to connect two or more raceways or cables if the bonding jumper is sized in accordance with 250.122 for the largest overcurrent device supplying circuits therein.

(E) Installation. Bonding jumpers or conductors and equipment bonding jumpers shall be permitted to be installed inside or outside of a raceway or an enclosure.

(1) Inside a Raceway or an Enclosure. If installed inside a raceway, equipment bonding jumpers and bonding jumpers or conductors shall comply with the requirements of 250.119 and 250.148.

(2) Outside a Raceway or an Enclosure. If installed on the outside, the length of the bonding jumper or conductor or equipment bonding jumper shall not exceed 1.8 m (6 ft) and shall be routed with the raceway or enclosure.

Exception: An equipment bonding jumper or supply-side bonding jumper longer than 1.8 m (6 ft) shall be permitted at outside pole locations for the purpose of bonding or grounding isolated sections of metal raceways or elbows installed in exposed risers of metal conduit or other metal raceway, and for bonding grounding electrodes, and shall not be required to be routed with a raceway or enclosure.

(3) Protection. Bonding jumpers or conductors and equipment bonding jumpers shall be installed in accordance with 250.64(A) and (B).

Article 300 General Requirements for Wiring Methods and Materials

300.1 Scope.

(A) All Wiring Installations. This article covers general requirements for wiring methods and materials for all wiring installations unless modified by other articles in Chapter 3.

(B) Integral Parts of Equipment. The requirements of this article are not intended to apply to the conductors that form an integral part of equipment, such as motors, controllers, motor control centers, or factory-assembled control equipment or listed utilization equipment.

(C) Metric Designators and Trade Sizes. Metric designators and trade sizes for conduit, tubing, and associated fittings and accessories shall be in accordance with Table 300.1(C).

Table 300.1(C) Metric Designators and Trade Sizes

Metric Designator	Trade Size
12	3/8
16	1/2
21	3/4
27	1
35	1 1/4
41	1 1/2
53	2
63	2 1/2
78	3
91	3 1/2
103	4
129	5
155	6

Note: The metric designators and trade sizes are for identification purposes only and are not actual dimensions.

300.4 Protection Against Physical Damage.

Where subject to physical damage, conductors, raceways, and cables shall be protected.

(A) Cables and Raceways Through Wood Members.

(1) Bored Holes. In both exposed and concealed locations, where a cable- or raceway-type wiring method is installed through bored holes in joists, rafters, or wood members, holes shall be bored so that the edge of the hole is not less than 32 mm (1 1/4 in.) from the edges of the wood member. Where this distance cannot be maintained, the cable or raceway shall be protected from penetration by screws or nails by a steel plate(s) or bushing(s) at least 1.6 mm (1/16 in.) thick, and of appropriate length and width, installed to cover the area of the wiring.

Exception No. 1: Steel plates shall not be required to protect rigid metal conduit, intermediate metal conduit, rigid PVC conduit, RTRC, or electrical metallic tubing.

Exception No. 2: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

(2) Notches in Wood. Where there is no objection because of weakening the building structure, in both exposed and concealed locations, cables or raceways shall be permitted to be laid in notches in wood studs, joists, rafters, or other wood members where the cable or raceway at those points is protected from penetration by nails or screws by a steel plate at least 1.6 mm (1/16 in.) thick, and of appropriate length and width, installed to cover the area of the wiring. The steel plate shall be installed before the building finish is applied.

Exception No. 1: Steel plates shall not be required to protect rigid metal conduit, intermediate metal conduit, rigid nonmetallic conduit, or electrical metallic tubing.

Exception No. 2: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

(B) Nonmetallic-Sheathed Cables and Electrical Nonmetallic Tubing Through Metal Framing Members.

(1) Nonmetallic-Sheathed Cable.

In both exposed and concealed locations where nonmetallic-sheathed cables pass through either factory- or field-punched, cut, or drilled slots or holes in metal members, the cable shall be protected by listed bushings or listed grommets covering all metal edges that are securely fastened in the opening prior to installation of the cable.

(2) Nonmetallic-Sheathed Cable and Electrical Nonmetallic Tubing.

Where nails or screws are likely to penetrate nonmetallic-sheathed cable or electrical nonmetallic tubing, a steel sleeve, steel plate, or steel clip not less than 1.6 mm (1/16 in.) in thickness shall be used to protect the cable or tubing.

Exception: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

(C) Cables Through Spaces Behind Panels Designed to Allow Access.

Cables or raceway-type wiring methods, installed behind panels designed to allow access shall be supported according to their applicable articles.

(D) Cables and Raceways Parallel to Framing Members and Furring Strips.

In both exposed and concealed locations, where a cable- or raceway-type wiring method is installed parallel to framing members, such as joists, rafters, or studs, or is installed parallel to furring strips, the cable or raceway shall be installed and supported so that the nearest outside surface of the cable or raceway is not less than 32 mm (1 1/4 in.) from the nearest edge of the framing member or furring strips where nails or screws are likely to penetrate. Where this distance cannot be maintained, the cable or raceway shall be protected from penetration by nails or screws by a steel plate, sleeve, or equivalent at least 1.6 mm (1/16 in.) thick.

Exception No. 1: Steel plates, sleeves, or the equivalent shall not be required to protect rigid metal conduit, intermediate metal conduit, rigid nonmetallic conduit, or electrical metallic tubing.

Exception No. 2: For concealed work in finished buildings, or finished panels for prefabricated buildings where such supporting is impracticable, it shall be permissible to fish the cables between access points.

Exception No. 3: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

(E) Cables, Raceways, or Boxes Installed in or Under Metal-Corrugated Roof Decking.

A cable, raceway, or box, installed in exposed or concealed locations under metal-corrugated sheet roof decking, shall be installed and supported so there is not less than 38 mm (1 1/2 in.) measured from the lowest surface of the roof decking to the top of the cable, raceway, or box. A cable, raceway, or box shall not be installed in concealed locations in metal-corrugated, sheet decking-type roof.

Informational Note: Roof decking material is often repaired or replaced after the initial raceway or cabling and roofing installation and might be penetrated by screws or other mechanical devices designed to provide "hold down" strength of the waterproof membrane or roof insulating material.

Exception No. 1: Rigid metal conduit and intermediate metal conduit, with listed steel or malleable iron fittings and boxes, shall not be required to comply with 300.4(E).

Exception No. 2: The 38 mm (1 1/2 in.) spacing is not required where metal-corrugated sheet roof decking is covered with a minimum thickness 50 mm (2 in.) concrete slab, measured from the top of the corrugated roofing.

(F) Cables and Raceways Installed in Shallow Grooves. Cable- or raceway-type wiring methods installed in a groove, to be covered by wallboard, siding, paneling, carpeting, or similar finish, shall be protected by 1.6 mm (1/16 in.) thick steel plate, sleeve, or equivalent or by not less than 32-mm (1 1/4-in.) free space for the full length of the groove in which the cable or raceway is installed.

Exception No. 1: Steel plates, sleeves, or the equivalent shall not be required to protect rigid metal conduit, intermediate metal conduit, rigid PVC conduit, RTRC, or electrical metallic tubing.

Exception No. 2: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

(G) Fittings. Where raceways contain 4 AWG or larger insulated circuit conductors, and these conductors enter a cabinet, a box, an enclosure, or a raceway, prior to the installation of conductors, the conductors shall be protected in accordance with any of the following:

- (1) An identified fitting providing a smoothly rounded insulating surface
- (2) A listed metal fitting that has smoothly rounded edges
- (3) Separation from the fitting or raceway using an identified insulating material that is securely fastened in place
- (4) Threaded hubs or bosses that are an integral part of a cabinet, box, enclosure, or raceway providing a smoothly rounded or flared entry for conductors

Conduit bushings constructed wholly of insulating material shall not be used to secure a fitting or raceway. The insulating fitting or insulating material shall have a temperature rating not less than the insulation temperature rating of the installed conductors.

(H) Structural Joints. A listed expansion/deflection fitting or other approved means shall be used where a raceway crosses a structural joint intended for expansion, contraction, or deflection, used in buildings, bridges, parking garages, or other structures.

300.6 Protection Against Corrosion and Deterioration.

Raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, enclosures (other than surrounding fences and walls), elbows, couplings, fittings, supports, and support hardware shall be of materials suitable for the environment in which they are to be installed.

(A) Ferrous Metal Equipment. Ferrous metal raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, enclosures (other than surrounding fences and walls), elbows, couplings, nipples, fittings, supports, and support hardware shall be suitably protected against corrosion inside and outside (except threads at joints) by a coating of approved corrosion-resistant material. Where corrosion protection is necessary and the conduit is threaded anywhere other than at the factory where the product is listed, the threads shall be coated with an approved electrically conductive, corrosion-resistant compound.

Exception: Stainless steel shall not be required to have protective coatings.

(1) Protected from Corrosion Solely by Enamel.

Where protected from corrosion solely by enamel, ferrous metal raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, enclosures (other than surrounding fences and walls), elbows, couplings, nipples, fittings, supports, and support hardware shall not be used outdoors or in wet locations as described in 300.6(D).

(2) Organic Coatings on Boxes or Cabinets.

Where boxes, cabinets, or enclosures (other than surrounding fences and walls) have an approved system of organic coatings and are marked "Raintight," "Rainproof," or "Outdoor Type," they shall be permitted outdoors.

(3) In Concrete or in Direct Contact with the Earth.

Ferrous metal raceways, cable armor, boxes, cable sheathing, cabinets, enclosures (other than surrounding fences and walls), elbows, couplings, nipples, fittings, supports, and support hardware shall be permitted to be installed in concrete, in direct contact with the earth, or in areas subject to severe corrosive influences where made of material approved for the condition or where provided with corrosion protection approved for the condition.

(B) Aluminum Metal Equipment. Aluminum raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, enclosures (other than surrounding fences and walls), elbows, couplings, nipples, fittings, supports, and support hardware embedded or encased in concrete or in direct contact with the earth shall be provided with supplementary corrosion protection.

(C) Nonmetallic Equipment. Nonmetallic raceways, cable trays, cablebus, auxiliary gutters, boxes, cables with a nonmetallic outer jacket and internal metal armor or jacket, cable sheathing, cabinets, enclosures (other than surrounding fences and walls), elbows, couplings, nipples, fittings, supports, and support hardware shall be made of material approved for the condition and shall comply with 300.6(C)(1) and (C)(2) as applicable to the specific installation.

(1) Exposed to Sunlight.

Where exposed to sunlight, the materials shall be listed as sunlight resistant or shall be identified as sunlight resistant.

(2) Chemical Exposure.

Where subject to exposure to chemical solvents, vapors, splashing, or immersion, materials or coatings shall either be inherently resistant to chemicals based on their listing or be identified for the specific chemical reagent.

(D) Indoor Wet Locations. In portions of dairy processing facilities, laundries, canneries, and other indoor wet locations, and in locations where walls are frequently washed or where there are surfaces of absorbent materials, such as damp paper or wood, the entire wiring system, where installed exposed, including all boxes, cabinets, enclosures (other than surrounding fences and walls), fittings, raceways, and cable used therewith, shall be mounted so that there is at least a 6 mm (1/4 in.) airspace between it and the wall or supporting surface.

Exception: Nonmetallic raceways, boxes, and fittings shall be permitted to be installed without the airspace on a concrete, masonry, tile, or similar surface.

Informational Note: In general, areas where acids and alkali chemicals are handled and stored might present such corrosive conditions, particularly when wet or damp. Severe corrosive conditions might also be present in portions of meatpacking plants, tanneries, glue houses, and some stables; in installations immediately adjacent to a seashore and swimming pool areas; in areas where chemical deicers are used; and in storage cellars or rooms for hides, casings, fertilizer, salt, and bulk chemicals.

300.10 Electrical Continuity of Metal Raceways, Cable Armor, and Enclosures.

Metal raceways, cable armor, and other metal enclosures for conductors shall be metallically joined together into a continuous electrical conductor and shall be connected to all boxes, fittings, and cabinets to provide effective electrical continuity. Unless specifically permitted elsewhere in this Code, raceways and cable assemblies shall be mechanically secured to boxes, fittings, cabinets, and other enclosures.

Exception No. 1: Short sections of raceways used to provide support or protection of cable assemblies from physical damage shall not be required to be made electrically continuous.

Exception No. 2: Equipment enclosures to be isolated, as permitted by 250.96(B), shall not be required to be metallically joined to the metal raceway.

300.11 Securing and Supporting.

(A) Secured in Place. Raceways, cable assemblies, boxes, cabinets, and fittings shall be securely fastened in place.

(B) Wiring Systems Installed Above Suspended Ceilings. Support wires that do not provide secure support shall not be the sole support. Support wires and associated fittings that provide secure support and that are installed in addition to the ceiling grid support wires shall be permitted as the sole support. Where independent support wires are used, they shall be secured at both ends. Cables and raceways shall not be supported by ceiling grids.

(1) Fire-Rated Assemblies.

Wiring located within the cavity of a fire-rated floor–ceiling or roof–ceiling assembly shall not be secured to, or supported by, the

ceiling assembly, including the ceiling support wires. An independent means of secure support shall be provided and shall be permitted to be attached to the assembly. Where independent support wires are used, they shall be distinguishable by color, tagging, or other effective means from those that are part of the fire-rated design.

Exception: The ceiling support system shall be permitted to support wiring and equipment that have been tested as part of the fire-rated assembly.

Informational Note: See ASTM E119, Standard Test Methods for Fire Tests of Building Construction and Materials, for one method of testing to determine fire rating.

(2) Non-Fire-Rated Assemblies.

Wiring located within the cavity of a non-fire-rated floor–ceiling or roof–ceiling assembly shall not be secured to, or supported by, the ceiling assembly, including the ceiling support wires. An independent means of secure support shall be provided and shall be permitted to be attached to the assembly. Where independent support wires are used, they shall be distinguishable by color, tagging, or other effective means.

Exception: The ceiling support system shall be permitted to support branch-circuit wiring and associated equipment where installed in accordance with the ceiling system manufacturer's instructions.

(C) Raceways Used as Means of Support. Raceways shall be used only as a means of support for other raceways, cables, or nonelectrical equipment under any of the following conditions:

(1) Where the raceway or means of support is identified as a means of support

(2) Where the raceway contains power supply conductors for electrically controlled equipment and is used to support Class 2 or Class 3 circuit conductors or cables that are solely for the purpose of connection to the equipment control circuits

(3) Where the raceway is used to support boxes or conduit bodies in accordance with 314.23 or to support luminaires in accordance with 410.36(E)

(D) Cables Not Used as Means of Support. Cable wiring methods shall not be used as a means of support for other cables, raceways, or nonelectrical equipment.

300.14 Length of Free Conductors at Outlets, Junctions, and Switch Points.

At least 150 mm (6 in.) of free conductor, measured from the point in the box where it emerges from its raceway or cable sheath, shall be left at each outlet, junction, and switch point for splices or the connection of luminaires or devices. The 150 mm (6 in.) free conductor shall be permitted to be spliced or unspliced. Where the opening to an outlet, junction, or switch point is less than 200 mm (8 in.) in any dimension, each conductor shall be long enough to extend at least 75 mm (3 in.) outside the opening.

Exception: Conductors that are not spliced or terminated at the outlet, junction, or switch point shall not be required to comply with 300.14.

300.15 Boxes, Conduit Bodies, or Fittings — Where Required.

A box shall be installed at each outlet and switch point for concealed knob-and-tube wiring.

Fittings and connectors shall be used only with the specific wiring methods for which they are designed and listed.

Where the wiring method is conduit, tubing, Type AC cable, Type MC cable, Type MI cable, nonmetallic-sheathed cable, or other cables, a box or conduit body shall be installed at each outlet point, switch point, conductor splice point, conductor junction point, conductor termination point, wiring method transition point, or conductor pull point, unless otherwise permitted in 300.15(A) through (L).

(A) Wiring Methods with Interior Access.

A box or conduit body shall not be required for each splice, junction, switch, pull, termination, or outlet points in wiring methods with removable covers, such as

wireways, multioutlet assemblies, auxiliary gutters, and surface raceways. The covers shall be accessible after installation.

(B) Equipment.

An integral junction box or wiring compartment as part of approved equipment shall be permitted in lieu of a box.

(C) Protection.

A box or conduit body shall not be required where cables enter or exit from conduit or tubing that is used to provide cable support or protection against physical damage. A fitting shall be provided on the end(s) of the conduit or tubing to protect the cable from abrasion.

(D) Type MI Cable.

A box or conduit body shall not be required where accessible fittings are used for straight-through splices in mineral-insulated metal-sheathed cable.

(E) Integral Enclosure.

A wiring device with integral enclosure identified for the use, having brackets that securely fasten the device to walls or ceilings of conventional on-site frame construction, for use with nonmetallic-sheathed cable, shall be permitted in lieu of a box or conduit body.

Informational Note: See 334.30(C); 545.10; 550.15(I); 551.47(E), Exception No. 1; and 552.48(E), Exception No. 1.

(F) Fitting.

A fitting identified for the use shall be permitted in lieu of a box or conduit body where conductors are not spliced or terminated within the fitting. The fitting shall be accessible after installation, unless listed for concealed installation.

(G) Direct-Buried Conductors and Cables.

As permitted in 300.5(E), a box or conduit body shall not be required for splices and taps in direct-buried conductors and cables.

(H) Insulated Devices.

As permitted in 334.4(B), a box or conduit body shall not be required for insulated devices supplied by nonmetallic-sheathed cable.

(I) Enclosures.

A box or conduit body shall not be required where a splice, switch, terminal, or pull point is in a cabinet or cutout box, in an enclosure for a switch or overcurrent device as permitted in 312.8, in a motor controller as permitted in 430.10(A), or in a motor control center.

(J) Luminaires.

A box or conduit body shall not be required where a luminaire is used as a raceway as permitted in 410.64.

(K) Embedded.

A box or conduit body shall not be required for splices where conductors are embedded as permitted in 424.40, 424.41(D), 426.22(C), 426.24(A), and 427.19(A).

(L) Manholes and Handhole Enclosures. A box or conduit body shall not be required for conductors in manholes or handhole enclosures, except where connecting to electrical equipment. The installation shall comply with Part V of Article 110 for manholes, and 314.30 for handhole enclosures.

Article 314 Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures

Part I. General

314.1 Scope.

This article covers the installation and use of all boxes and conduit bodies used as outlet, device, junction, or pull boxes, depending on their use, and handhole enclosures. Cast metal, sheet metal, nonmetallic, and other boxes such as FS, FD, and larger boxes are not classified as conduit bodies. This article also includes installation requirements for fittings used to join raceways and to connect raceways and cables to boxes and conduit bodies.

314.2 Round Boxes.

Round boxes shall not be used where conduits or connectors requiring the use of locknuts or bushings are to be connected to the side of the box.

314.3 Nonmetallic Boxes.

Nonmetallic boxes shall be permitted only with open wiring on insulators, concealed knob-and-tube wiring, cabled wiring methods with entirely nonmetallic sheaths, flexible cords, and nonmetallic raceways.

Exception No. 1: Where internal bonding means are provided between all entries, nonmetallic boxes shall be permitted to be used with metal raceways or metal-armored cables.

Exception No. 2: Where integral bonding means with a provision for attaching an equipment bonding jumper inside the box are provided between all threaded entries in nonmetallic boxes listed for the purpose, nonmetallic boxes shall be permitted to be used with metal raceways or metal-armored cables.

314.4 Metal Boxes.

Metal boxes shall be grounded and bonded in accordance with Parts I, IV, V, VI, VII, and X of Article 250 as applicable, except as permitted in 250.112(I).

314.5 Screws or Other Fasteners.

Screws or other fasteners installed in the field that enter wiring spaces shall be as provided by or specified by the manufacturer or shall comply with the following as applicable:

- (1) Screws shall be machine type with blunt ends.
- (2) Other fasteners shall have blunt ends.
- (3) Screws attaching a cover shall extend no more than 10 mm (3/8 in.).
- (4) Screws or other fasteners, other than in (3), penetrating a cover shall extend no more than 8 mm (5/16 in.).
- (5) Screws or other fasteners penetrating a wall of a box exceeding 1650 cm³ (100 in.³) shall extend no more than 6 mm (1/4 in.), or more than 11 mm (7/16 in.) if located within 10 mm (3/8 in.) of an adjacent box wall.
- (6) Screws or other fasteners penetrating the wall of a box not exceeding 1650 cm³ (100 in.³) and not covered in 314.23(B)(1) shall be made flush with the box interior.
- (7) Screws or other fasteners penetrating the wall of a conduit body shall be made flush with the conduit body interior.

Exception to (3) through (6): A screw shall be permitted to be longer if the end of the screw is protected with an approved means.

Part II. Installation

314.15 Damp or Wet Locations.

In damp or wet locations, boxes, conduit bodies, outlet box hoods, and fittings shall be placed or equipped so as to prevent moisture from entering or accumulating within the box, conduit body, or fitting. Boxes, conduit bodies, outlet box hoods, and fittings installed in wet locations shall be listed for use in wet locations. Approved drainage openings not smaller than 3 mm (1/8 in.) and not larger than 6 mm (1/4 in.) in diameter shall be permitted to be installed in the field in boxes or conduit bodies listed for use in damp or wet locations. For installation of listed drain fittings, larger openings are permitted to be installed in the field in accordance with manufacturer's instructions.

Informational Note No. 1: See 314.27(B) for boxes in floors.

Informational Note No. 2: See 300.6 for protection against corrosion.

314.16 Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies.

Boxes and conduit bodies shall be of an approved size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

This section shall not apply to terminal housings supplied with motors or generators.

Informational Note: See 430.12 for volume requirements of motor or generator terminal housings.



Boxes and conduit bodies enclosing conductors 4 AWG or larger shall also comply with 314.28. Outlet and device boxes shall also comply with 314.24.

(A) Box Volume Calculations.

The volume of a wiring enclosure (box) shall be the total volume of the assembled sections and, where used, the space provided by plaster rings, domed covers, extension rings, and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A).

Where a box is provided with one or more securely installed barriers, the volume shall be apportioned to each of the resulting spaces. Each barrier, if not marked with its volume, shall be considered to take up 8.2 cm³ (1/2 in.³) if metal, and 16.4 cm³ (1.0 in.³) if nonmetallic.

(1) Standard Boxes. The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).

(2) Other Boxes. Boxes 1650 cm³ (100 in.³) or less, other than those described in Table 314.16(A), and nonmetallic boxes shall be durably and legibly marked by the manufacturer with their volume(s). Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

Table 314.16(A) Metal Boxes											
Box Trade Size			Minimum Volume		Maximum Number of Conductors*						
					(arranged by AWG size)						
mm	in.		cm ³	in. ³	18	16	14	12	10	8	6
100 × 32	(4 × 11/4)	round/octagonal	205	12.5	8	7	6	5	5	4	2
100 × 38	(4 × 11/2)	round/octagonal	254	15.5	10	8	7	6	6	5	3
100 × 54	(4 × 21/8)	round/octagonal	353	21.5	14	12	10	9	8	7	4
100 × 32	(4 × 11/4)	square	295	18	12	10	9	8	7	6	3
100 × 38	(4 × 11/2)	square	344	21	14	12	10	9	8	7	4
100 × 54	(4 × 21/8)	square	497	30.3	20	17	15	13	12	10	6
120 × 32	(4 11/16 × 11/4)	square	418	25.5	17	14	12	11	10	8	5
120 × 38	(4 11/16 × 11/2)	square	484	29.5	19	16	14	13	11	9	5
120 × 54	(4 11/16 × 21/8)	square	689	42	28	24	21	18	16	14	8
75 × 50 × 38	(3 × 2 × 11/2)	device	123	7.5	5	4	3	3	3	2	1
75 × 50 × 50	(3 × 2 × 2)	device	164	10	6	5	5	4	4	3	2
75 × 50 × 57	(3 × 2 × 21/4)	device	172	10.5	7	6	5	4	4	3	2
75 × 50 × 65	(3 × 2 × 21/2)	device									

(B) Box Fill Calculations. The volumes in 314.16(B)(1) through (B)(6), as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings. Each space within a box installed with a barrier shall be calculated separately.

(1) Conductor Fill.

Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. Each loop or coil of unbroken conductor not less than twice the minimum length required for free conductors in 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B)(1). A conductor, no part of which leaves the box, shall not be counted.

Exception: An equipment grounding conductor or conductors or not over four fixture wires smaller than 14 AWG, or both, shall be permitted to be omitted from the calculations where they enter a box from a domed luminaire or similar canopy and terminate within that box.

(2) Clamp Fill.

Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with Table 314.16(B)(1) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with its clamping mechanism outside the box.

(3) Support Fittings Fill.

Where one or more luminaire studs or hickies are present in the box, a single volume allowance in accordance with Table 314.16(B)(1) shall be made for each type of fitting based on the largest conductor present in the box.

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(4) Device or Equipment Fill.

For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B)(1) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap.

A device or utilization equipment wider than a single 50 mm (2 in.) device box as described in Table 314.16(A) shall have double volume allowances provided for each gang required for mounting.

Table 314.16(B)(1) Volume Allowance Required per Conductor		
Size of Conduct or (AWG)	Free Space Within Box for Each Conductor	
	cm ³	in. ³
18	24.6	1.5
16	28.7	1.75
14	32.8	2
12	36.9	2.25
10	41	2.5
8	49.2	3
6	81.9	5

(5) Equipment Grounding Conductor Fill.

Where up to four equipment grounding conductors enter a box, a single volume allowance in accordance with Table 314.16(B)(1) shall be made based on the largest equipment grounding conductor entering the box. A 1/4 volume allowance shall be made for each additional equipment grounding conductor that enters the box, based on the largest equipment grounding conductor entering the box.

(6) Terminal Block Fill.

Where a terminal block is present in a box, a single volume allowance in accordance with Table 314.16(B)(1) shall be made for each terminal block assembly based on the largest conductor(s) terminated to the assembly.

(C) CONDUIT BODIES

(1) General.

Conduit bodies enclosing 6 AWG conductors or smaller, other than short-radius conduit bodies as described in 314.16(C)(3), shall have a cross-sectional area not less than twice the cross-sectional area of the largest conduit or tubing to which they can be attached. The maximum number of conductors permitted shall be the maximum number permitted by Table 1 of Chapter 9 for the conduit or tubing to which it is attached.

(2) With Splices, Taps, or Devices.

Only those conduit bodies that are durably and legibly marked by the manufacturer with their volume shall be permitted to contain splices, taps, or devices. The maximum number of conductors shall be calculated in accordance with 314.16(B). Conduit bodies shall be supported in a rigid and secure manner.

(3) Short Radius Conduit Bodies.

Conduit bodies such as capped elbows and service-entrance elbows that enclose conductors 6 AWG or smaller, and are only intended to enable the installation of the raceway and the contained conductors, shall not contain splices, taps, or devices and shall be of an approved size to provide free space for all conductors enclosed in the conduit body.

314.17 Conductors and Cables Entering Boxes, Conduit Bodies, or Fittings.

Conductors entering boxes, conduit bodies, or fittings shall be protected from abrasion. Conductors and cables shall comply with 314.17(A) through (C).

(A) Openings to Be Closed. Openings through which conductors enter shall be closed in an approved manner.

(B) Boxes and Conduit Bodies. The installation of the conductors and cables in boxes and conduit bodies shall comply with 314.17(B)(1) through (B)(4).

(1) Conductors Entering Through Individual Holes or Through Flexible Tubing.

For messenger-supported wiring, open wiring on insulators, or concealed knob-and-tube wiring, the conductors shall enter the box through individual holes. In installations where metal boxes or conduit bodies are used with conductors unprotected by flexible tubing, the individual openings shall be provided with insulating bushings. Where flexible tubing is used to enclose the conductors, the tubing shall extend from the last insulating support to not less than 6 mm (1/4 in.) inside the box or conduit body and 6 mm (1/4 in.) beyond the end of any cable clamp. The wiring method shall be secured to the box or conduit body.

(2) Cables Entering Through Cable Clamps.

Where cable assemblies with nonmetallic sheaths are used, the sheath shall extend not less than 6 mm (1/4 in.) inside the box and 6 mm (1/4 in.) beyond the end of any cable clamp. Except as covered in 300.15(C), the wiring method shall be secured to the box or conduit body.

Exception: Where nonmetallic-sheathed cable is used with single gang nonmetallic boxes not larger than a nominal size 57 mm x 100 mm (2 1/4 in. x 4 in.) mounted in walls or ceilings, and where the cable is fastened within 200 mm (8 in.) of the box measured along the sheath and where the sheath extends through a cable knockout not less than 6 mm (1/4 in.), securing the cable to the box shall not be required. Multiple cable entries shall be permitted in a single cable knockout opening.

(3) Conductors and Cables Entering Through Raceways.

Where the raceway is complete between boxes, conduit bodies, or both and encloses individual conductors or nonmetallic cable assemblies or both, the conductors or cable assemblies shall not be required to be additionally secured. Where raceways enclose cable assemblies as covered in 300.15(C), the cable assembly shall not be required to be additionally secured within the box or conduit body.

(4) Temperature Limitation.

Nonmetallic boxes and conduit bodies shall be suitable for the lowest temperature-rated conductor entering the box or conduit body.

(C) Conductors 4 AWG or Larger. Installation shall comply with 300.4(G).

Informational Note: See 110.12(A) for requirements on closing unused cable and raceway knockout openings.

314.19 Boxes Enclosing Flush Devices or Flush Equipment.

Boxes used to enclose flush devices or flush equipment shall be of such design that the devices or equipment will be completely enclosed on the back and sides, and substantial support for the devices or equipment will be provided. Screws for supporting the box shall not also be used to attach a device or equipment.

314.20 Flush-Mounted Installations.

Installations within or behind a surface of concrete, tile, gypsum, plaster, or other noncombustible material, including boxes employing a flush-type cover or faceplate, shall be made so that the front edge of the box, plaster ring, extension ring, or listed extender will not be set back of the finished surface more than 6 mm (1/4 in.).

Installations within a surface of wood or other combustible surface material, boxes, plaster rings, extension rings, or listed extenders shall extend to the finished surface or project therefrom.

314.21 Repairing Noncombustible Surfaces.

Noncombustible surfaces that are broken or incomplete around boxes employing a flush-type cover or faceplate shall be repaired so there will be no gaps or open spaces greater than 3 mm (1/8 in.) at the edge of the box.

314.22 Surface Extensions.

Surface extensions shall be made by mounting and mechanically securing an extension ring over the box. Equipment grounding shall be in accordance with Part VI of Article 250.

Exception: A surface extension shall be permitted to be made from the cover of a box where the cover is designed so it is unlikely to fall off or be removed if its securing means becomes loose. The wiring method shall be flexible for an approved length that permits removal of the cover and provides access to the box interior and shall be arranged so that any grounding continuity is independent of the connection between the box and cover.

314.23 Supports.

Enclosures within the scope of this article shall be supported in accordance with 314.23(A) through (H) as applicable.

(A) Surface Mounting.

An enclosure mounted on a building or other surface shall be rigidly and securely fastened in place. If the surface does not provide rigid and secure support, additional support in accordance with this section shall be provided.

(B) Structural Mounting.

An enclosure supported from a structural member or from grade shall be rigidly supported either directly or by using a metal, polymeric, or wood brace.

(1) Nails and Screws.

Nails and screws, where used as a fastening means, shall secure boxes by using brackets on the outside of the enclosure, or by using mounting holes in the back or in one or more sides of the enclosure, or they shall pass through the interior within 6 mm (1/4 in.) of the back or ends of the enclosure. Screws shall not be permitted to pass through the box unless exposed threads in the box are protected using approved means to avoid abrasion of conductor insulation. Mounting holes made in the field shall be approved.

(2) Braces.

Metal braces shall be protected against corrosion and formed from metal that is not less than 0.51 mm (0.020 in.) thick uncoated. Wood braces shall have a cross section not less than nominal 25 mm × 50 mm (1 in. × 2 in.). Wood braces in wet locations shall be treated for the conditions. Polymeric braces shall be identified as being suitable for the use.

(C) Mounting in Finished Surfaces.

An enclosure mounted in a finished surface shall be rigidly secured thereto by clamps, anchors, or fittings identified for the application.

(D) Suspended Ceilings.

An enclosure mounted to structural or supporting elements of a suspended ceiling shall be not more than 1650 cm³ (100 in.³) in size and shall be securely fastened in place in accordance with either 314.23(D)(1) or (D)(2).

(1) Framing Members.

An enclosure shall be fastened to the framing members by mechanical means such as bolts, screws, or rivets, or by the use of clips or other securing means identified for use with the type of ceiling framing member(s) and enclosure(s) employed. The framing members shall be supported in an approved manner and securely fastened to each other and to the building structure.

(2) Support Wires.

The installation shall comply with 300.11(B). The enclosure shall be secured, using identified methods, to ceiling support wire(s), including any additional support wire(s) installed for ceiling support. Support wire(s) used for enclosure support shall be fastened at each end so as to be taut within the ceiling cavity.

(E) Raceway-Supported Enclosure, Without Devices, Luminaires, or Lampholders.

An enclosure that does not contain a device(s), other than splicing devices, or supports a luminaire(s), a lampholder, or other equipment and is supported by entering raceways shall not exceed 1650 cm³ (100 in.³) in size. It shall have threaded entries or identified hubs. It shall be supported by two or more conduits threaded wrenchtight into the enclosure or hubs. Each conduit shall be secured within 900 mm (3 ft) of the enclosure, or within 450 mm (18 in.) of the enclosure if all conduit entries are on the same side.

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Exception: The following wiring methods shall be permitted to support a conduit body of any size, including a conduit body constructed with only one conduit entry, provided that the trade size of the conduit body is not larger than the largest trade size of the conduit or tubing:

- (1) Intermediate metal conduit, IMC
- (2) Rigid metal conduit, RMC
- (3) Rigid polyvinyl chloride conduit, PVC
- (4) Reinforced thermosetting resin conduit, RTRC
- (5) Electrical metallic tubing, EMT

(F) Raceway-Supported Enclosures, with Devices, Luminaires, or Lampholders.

An enclosure that contains a device(s), other than splicing devices, or supports a luminaire(s), a lampholder, or other equipment and is supported by entering raceways shall not exceed 1650 cm³ (100 in.³) in size. It shall have threaded entries or identified hubs. It shall be supported by two or more conduits threaded wrenchtight into the enclosure or hubs. Each conduit shall be secured within 450 mm (18 in.) of the enclosure.

Exception No. 1: Rigid metal or intermediate metal conduit shall be permitted to support a conduit body of any size, including a conduit body constructed with only one conduit entry, provided the trade size of the conduit body is not larger than the largest trade size of the conduit.

Exception No. 2: An unbroken length(s) of rigid or intermediate metal conduit shall be permitted to support a box used for luminaire or lampholder support, or to support a wiring enclosure that is an integral part of a luminaire and used in lieu of a box in accordance with 300.15(B), where all of the following conditions are met:

- (1) The conduit is securely fastened at a point so that the length of conduit beyond the last point of conduit support does not exceed 900 mm (3 ft).
- (2) The unbroken conduit length before the last point of conduit support is 300 mm (12 in.) or greater, and that portion of the conduit is securely fastened at some point not less than 300 mm (12 in.) from its last point of support.
- (3) Where accessible to unqualified persons, the luminaire or lampholder, measured to its lowest point, is at least 2.5 m (8 ft) above grade or standing area and at least 900 mm (3 ft) measured horizontally to the 2.5 m (8 ft) elevation from windows, doors, porches, fire escapes, or similar locations.
- (4) A luminaire supported by a single conduit does not exceed 300 mm (12 in.) in any direction from the point of conduit entry.
- (5) The weight supported by any single conduit does not exceed 9 kg (20 lb).
- (6) At the luminaire or lampholder end, the conduit(s) is threaded wrenchtight into the box, conduit body, integral wiring enclosure, or identified hubs. Where a box or conduit body is used for support, the luminaire shall be secured directly to the box or conduit body, or through a threaded conduit nipple not over 75 mm (3 in.) long.

(G) Enclosures in Concrete or Masonry.

An enclosure supported by embedment shall be identified as suitably protected from corrosion and securely embedded in concrete or masonry.

(H) Pendant Boxes.

An enclosure supported by a pendant shall comply with 314.23(H)(1) or (H)(2).

(1) Flexible Cord.

A box shall be supported from a multiconductor cord or cable in an approved manner that protects the conductors against strain. A connection to a box equipped with a hub shall be made with a listed cord grip attachment fitting marked for use with a threaded hub.

(2) Conduit.

A box supporting lampholders or luminaires, or wiring enclosures within luminaires used in lieu of boxes in accordance with 300.15(B), shall be supported by rigid or intermediate

metal conduit stems. For stems longer than 450 mm (18 in.), the stems shall be connected to the wiring system with listed swivel hangers suitable for the location. At the luminaire end, the conduit(s) shall be threaded wrenchtight into the box, wiring enclosure, or identified hubs.

Where supported by only a single conduit, the threaded joints shall be prevented from loosening by the use of set-screws or other effective means, or the luminaire, at any point, shall be at least 2.5 m (8 ft) above grade or standing area and at least 900 mm (3 ft) measured horizontally to the 2.5 m (8 ft) elevation from windows, doors, porches, fire escapes, or similar locations. A luminaire supported by a single conduit shall not exceed 300 mm (12 in.) in any horizontal direction from the point of conduit entry.

314.27 Outlet Boxes.

(A) Boxes at Luminaire or Lampholder Outlets.

Outlet boxes or fittings designed for the support of luminaires and lampholders, and installed as required by 314.23, shall be permitted to support a luminaire or lampholder.

(1) Vertical Surface Outlets.

Boxes used at luminaire or lampholder outlets in or on a vertical surface shall be identified and marked on the interior of the box to indicate the maximum weight of the luminaire that is permitted to be supported by the box if other than 23 kg (50 lb).

Exception: A vertically mounted luminaire or lampholder weighing not more than 3 kg (6 lb) shall be permitted to be supported on other boxes or plaster rings that are secured to other boxes, provided that the luminaire or its supporting yoke, or the lampholder, is secured to the box with no fewer than two No. 6 or larger screws.

(2) Ceiling Outlets.

At every outlet used exclusively for lighting, the box shall be designed or installed so that a luminaire or lampholder can be attached. Boxes shall be required to support a luminaire weighing a minimum of 23 kg (50 lb). A luminaire that weighs more than 23 kg (50 lb) shall be supported independently of the outlet box, unless the outlet box is listed for not less than the weight to be supported. The interior of the box shall be marked by the manufacturer to indicate the maximum weight the box shall be permitted to support.

(B) Floor Boxes.

Boxes listed specifically for this application shall be used for receptacles located in the floor.

Exception: Where the authority having jurisdiction judges them free from likely exposure to physical damage, moisture, and dirt, boxes located in elevated floors of show windows and similar locations shall be permitted to be other than those listed for floor applications. Receptacles and covers shall be listed as an assembly for this type of location.

(C) Boxes at Ceiling-Suspended (Paddle) Fan Outlets.

Outlet boxes or outlet box systems used as the sole support of a ceiling-suspended (paddle) fan shall be listed, shall be marked by their manufacturer on the interior of the box as suitable for this purpose, and shall not support ceiling-suspended (paddle) fans that weigh more than 32 kg (70 lb). For outlet boxes or outlet box systems designed to support ceiling-suspended (paddle) fans that weigh more than 16 kg (35 lb), the required marking shall include the maximum weight to be supported.

Outlet boxes mounted in the ceilings of habitable rooms of dwelling occupancies in a location acceptable for the installation of a ceiling-suspended (paddle) fan shall comply with one of the following:

- (1) Listed for the sole support of ceiling-suspended (paddle) fans
- (2) Installed so as to allow direct access through the box to structural framing capable of supporting a ceiling-suspended (paddle) fan without removing the box

(D) Utilization Equipment. Boxes used for the support of utilization equipment other than ceiling-suspended (paddle) fans shall meet the requirements of 314.27(A) for the support of a luminaire that is the same size and weight.

Exception: Utilization equipment weighing not more than 3 kg (6 lb) shall be permitted to be supported on other boxes or plaster rings that are secured to other boxes, provided the equipment or its supporting yoke is secured to the box with no fewer than two No. 6 or larger screws. (E) Weight-Supporting Ceiling Receptacles (WSCR) and Weight-Supporting Attachment Fittings (WSAF).

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(E) Weight-Supporting Ceiling Receptacles (WSCR) and Weight-Supporting Attachment Fittings (WSAF).

Outlet boxes required in 314.27 shall be permitted to support listed weight-supporting ceiling receptacles (WSCR). A WSCR shall be used in combination with compatible weight-supporting attachment fittings (WSAF) that are identified for the support of equipment within the weight and mounting orientation limits of the listing. Where the WSCR is installed, it shall be included in the box fill calculation covered in 314.16(B)(4).

Listed WSCR used in combination with compatible WSAF shall be permitted to be installed in outlet boxes for the sole support of ceiling-suspended (paddle) fans, in accordance with 314.27(C).

Informational Note: See ANSI/NEMA WD-6, American National Standard for Wiring Devices—Dimensional Specifications, for standard configurations of weight-supporting ceiling receptacles and weight-supporting attachment fittings.

314.28 Pull and Junction Boxes and Conduit Bodies.

Boxes and conduit bodies used as pull or junction boxes shall comply with 314.28(A) through (E).

Exception: Terminal housings supplied with motors shall comply with the provisions of 430.12.

(A) Minimum Size. For raceways containing conductors of 4 AWG or larger that are required to be insulated, and for cables containing conductors of 4 AWG or larger, the minimum dimensions of pull or junction boxes installed in a raceway or cable run shall comply with 314.28(A)(1) through (A)(3). Where an enclosure dimension is to be calculated based on the diameter of entering raceways, the diameter shall be the metric designator (trade size) expressed in the units of measurement employed.

(1) Straight Pulls.

In straight pulls, the length of the box or conduit body shall not be less than eight times the metric designator (trade size) of the largest raceway.

(2) Angle or U Pulls, or Splices.

Where splices or where angle or U pulls are made, the distance between each raceway entry inside the box or conduit body and the opposite wall of the box or conduit body shall not be less than six times the metric designator (trade size) of the largest raceway in a row. This distance shall be increased for additional entries by the amount of the sum of the diameters of all other raceway entries in the same row on the same wall of the box. Each row shall be calculated individually, and the single row that provides the maximum distance shall be used.

Exception: Where a raceway or cable entry is in the wall of a box or conduit body opposite a removable cover, the distance from that wall to the cover shall be permitted to comply with the distance required for one wire per terminal in Table 312.6(A).

The distance between raceway entries enclosing the same conductor shall not be less than six times the metric designator (trade size) of the larger raceway.

When transposing cable size into raceway size in 314.28(A)(1) and (A)(2), the minimum metric designator (trade size) raceway required for the number and size of conductors in the cable shall be used.

(3) Smaller Dimensions.

Listed boxes or listed conduit bodies of dimensions less than those required in 314.28(A)(1) and (A)(2) shall be permitted for installations of combinations of conductors that are less than the maximum conduit or tubing fill (of conduits or tubing being used) permitted by Table 1 of Chapter 9.

Listed conduit bodies of dimensions less than those required in 314.28(A)(2), and having a radius of the curve to the centerline not less than that indicated in Table 2 of Chapter 9 for one-shot and full-shoe benders, shall be permitted for installations of combinations of conductors permitted by Table 1 of Chapter 9. These conduit bodies shall be marked to show they have been specifically evaluated in accordance with this provision.

Where the permitted combinations of conductors for which the box or conduit body has been listed are less than the maximum conduit or tubing fill permitted by Table 1 of Chapter 9, the box or conduit body shall

be permanently marked with the maximum number and maximum size of conductors permitted. For other conductor sizes and combinations, the total cross-sectional area of the fill shall not exceed the cross-sectional area of the conductors specified in the marking, based on the type of conductor identified as part of the product listing.

Informational Note: Unless otherwise specified, the applicable product standards evaluate the fill markings covered here based on conductors with Type XHHW insulation.

(B) Conductors in Pull or Junction Boxes. In pull boxes or junction boxes having any dimension over 1.8 m (6 ft), all conductors shall be cabled or racked up in an approved manner.

(C) Covers. All pull boxes, junction boxes, and conduit bodies shall be provided with covers compatible with the box or conduit body construction and suitable for the conditions of use. Where used, metal covers shall comply with the grounding requirements of 250.110.

314.29 Boxes, Conduit Bodies, and Handhole Enclosures to Be Accessible.

Boxes, conduit bodies, and handhole enclosures shall be installed so that wiring and devices contained in the boxes, conduit bodies, or handhole enclosures can be rendered accessible in accordance with 314.29(A) and (B).

(A) In Buildings and Other Structures.

Boxes and conduit bodies shall be installed so the contained wiring and devices are accessible.

(B) Underground.

Underground boxes and handhole enclosures shall be installed so they are accessible without excavating sidewalks, paving, earth, or other substance that is to be used to establish the finished grade.

Exception: Listed boxes and handhole enclosures shall be permitted where covered by gravel, light aggregate, or noncohesive granulated soil if their location is effectively described and accessible for excavation. The location description shall be available to those authorized to access, maintain, or inspect the wiring.

406.9 Receptacles in Damp or Wet Locations.

(A) Damp Locations. A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies, marquees, and the like, and will not be subjected to a beating rain or water runoff. All 125- and 250-volt nonlocking receptacles shall be a listed weather-resistant type. Hinged covers of outlet box hoods shall be able to open at least 90 degrees, or fully open if the cover is not designed to open 90 degrees from the closed to open position, after installation.

Informational Note: See ANSI/NEMA WD 6–2016, *Wiring Devices— Dimensional Specifications*, for the types of receptacles covered by this requirement.

(B) Wet Locations.

(1) Receptacles of 15 Amperes and 20 Amperes in a Wet Location. Receptacles of 15 amperes and 20 amperes, 125 volts and 250 volts installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted. An outlet box hood installed for this purpose shall be listed and shall be identified as extra-duty. Other listed products, enclosures, or assemblies providing weatherproof protection that do not utilize an outlet box hood need not be identified extra duty. Hinged covers of outlet box hoods shall be able to open at least 90 degrees, or fully open if the cover is not designed to open 90 degrees from the closed to open position, after installation.

Informational Note No. 1: See ANSI/UL 514D–2016, *Cover Plates for Flush-Mounted Wiring Devices*, for extra-duty outlet box hoods. Extra duty identification and requirements are not applicable to listed receptacles, faceplates, outlet boxes, enclosures, or assemblies that are identified as either being suitable for wet locations or rated as one of the outdoor enclosure-type numbers of Table 110.28 that does not utilize an outlet box hood.

Exception: 15- and 20-ampere, 125- through 250-volt receptacles installed in a wet location and subject to routine high-pressure spray washing shall be permitted to have an enclosure that is weatherproof when the attachment plug is removed.

All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles shall be listed and so identified as the weather-resistant type.

Informational Note No. 2: See ANSI/NEMA WD 6–2016, *Wiring Devices— Dimensional Specifications*, for receptacle configurations. The configuration of weather-resistant receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20.

(2) Other Receptacles.

All other receptacles installed in a wet location shall be listed weather-

-resistant type, and installation shall comply with 406.9(B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location where the product intended to be plugged into it is not attended while in use shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

(C) Bathtub and Shower Space. Receptacles shall not be installed inside of the tub or shower or within a zone measured 900 mm (3 ft) horizontally from any outside edge of the bathtub or shower stall, including the space outside the bathtub or shower stall space below the zone.

The zone also includes the space measured vertically from the floor to 2.5 m (8 ft) above the top of the bathtub rim or shower stall threshold. The identified zone is all-encompassing and shall include the space directly over the bathtub or shower stall and the space below this zone, but not the space separated by a floor, wall, ceiling, room door, window, or fixed barrier.

Exception No. 1: Receptacles installed in accordance with 680.73 shall be permitted.

Exception No. 2: In bathrooms with less than the required zone, the receptacle(s) required by 210.52(D) shall be permitted to be installed opposite the bathtub rim or shower stall threshold on the farthest wall within the room.

Exception No. 3: Weight supporting ceiling receptacles (WSCR) shall be permitted to be installed for listed luminaires that employ a weight supporting attachment fitting (WSAF) in damp locations complying with 410.10(D).

Exception No. 4: In a dwelling unit, a single receptacle shall be permitted for an electronic toilet or personal hygiene device such as an electronic bidet seat. The receptacle shall be readily accessible and not located in the space between the toilet and the bathtub or shower.

Informational Note No. 1: See 210.8(A)(1) for GFCI requirements in a bathroom.

Informational Note No. 2: See 210.11(C) for bathroom branch circuits.

Informational Note No. 3: See 210.21(B)(1) for single receptacle on an individual branch.

406.12 Tamper-Resistant Receptacles.

All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the following locations shall be listed tamper-resistant receptacles:

- (1) All dwelling units, boathouses, mobile homes and manufactured homes, including their attached and detached garages, accessory buildings, and common areas
- (2) Guest rooms and guest suites of hotels, motels, and their common areas
- (3) Child care facilities
- (4) Preschools and education facilities
- (5) Within clinics, medical and dental offices, and outpatient facilities, the following spaces:
 - a. Business offices accessible to the general public
 - b. Lobbies, and waiting spaces

c. Spaces of nursing homes and limited care facilities covered in 517.10(B)(2)

- (6) Places of awaiting transportation, gymnasiums, skating rinks, fitness centers, and auditoriums
- (7) Dormitory units
- (8) Residential care/assisted living facilities, social and substance abuse rehabilitation facilities, and group homes
- (9) Foster care facilities, nursing homes, and psychiatric hospitals
- (10) Areas of agricultural buildings accessible to the general public and any common areas

Informational Note No. 1: See ANSI/NEMA WD 6-2016, Wiring Devices — Dimensional Specifications. This requirement would include receptacles identified as 5-15, 5-20, 6-15, and 6-20.

Informational Note No. 2: See NFPA 5000-2021, Building Construction and Safety Code, and the International Building Code (IBC)-2021 for more information on occupancy classifications for the types of facilities covered by this requirement.

Informational Note No. 3: Areas of agricultural building are frequently converted to hospitality areas. These areas can include petting zoos, stables, and buildings used for recreation or educational purposes where receptacles are installed.

Exception to (1) through (10):

Receptacles in the following locations shall not be required to be tamper resistant:

- (1) Receptacles located more than 1.7 m (5 1/2 ft) above the floor
- (2) Receptacles that are part of a luminaire or appliance
- (3) Where the receptacle outlet is installed within the space occupied by or designated for each appliance that, in normal use, is not easily moved from one place to another and is cord-and-plug-connected in accordance with 400.10(A)(6), (A)(7), or (A)(8) the following are permitted:
 - a. A single receptacle that is not readily accessible and supplies one appliance
 - b. A duplex receptacle that is not readily accessible and supplies two appliances
- (4) Nongrounding receptacles used for replacements as permitted in 406.4(D)(2)(a)

410.36 Means of Support.

(A) Luminaires Supported By Outlet Boxes. Luminaires shall be permitted to be supported by outlet boxes or fittings installed as required by 314.23. The installation shall comply with the following requirements:

- (1) The outlet boxes or fittings shall comply with 314.27(A)(1) and 314.27(A)(2).
- (2) Luminaires shall be permitted to be supported in accordance with 314.27(E).
- (3) Outlet boxes complying with 314.27(E) shall be considered lighting outlets as required by 210.70(A), (B), and (C).

(B) Suspended Ceilings. Framing members of suspended ceiling systems used to support luminaires shall be securely fastened to each other and shall be securely attached to the building structure at appropriate intervals. Luminaires shall be securely fastened to the ceiling framing member by mechanical means such as bolts, screws, or rivets. Listed clips identified for use with the type of ceiling framing member(s) and luminaire(s) shall also be permitted.

(C) Luminaire Studs. Luminaire studs that are not a part of outlet boxes, hickies, tripods, and crowfeet shall be made of steel, malleable iron, or other material suitable for the application.

680.52 Junction Boxes and Other Enclosures.

(A) General. Junction boxes and other enclosures used for other than underwater installation shall comply with 680.24.

(B) Underwater Junction Boxes and Other Underwater Enclosures. Junction boxes and other underwater enclosures shall meet the requirements of 680.52(B)(1) and (B)(2).

(1) Construction.

(a) Underwater enclosures shall be equipped with provisions for threaded conduit entries or compression glands or seals for cord entry.

(b) Underwater enclosures shall be listed and rated for prolonged submersion and made of copper, brass, or other corrosion-resistant material.

(2) Installation.

Underwater enclosure installations shall comply with 680.52(B)(2)(a) and (B)(2)(b).

(a) Underwater enclosures shall be filled with a listed potting compound to prevent the entry of moisture.

(b) Underwater enclosures shall be firmly attached to the supports or directly to the fountain surface and bonded as required. Where the junction box is supported only by conduits in accordance with 314.23(E) and (F), the conduits shall be of copper, brass, stainless steel, or other corrosion-resistant metal. Where the box is fed by nonmetallic conduit, it shall have additional supports and fasteners of copper, brass, or other corrosion-resistant material.

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