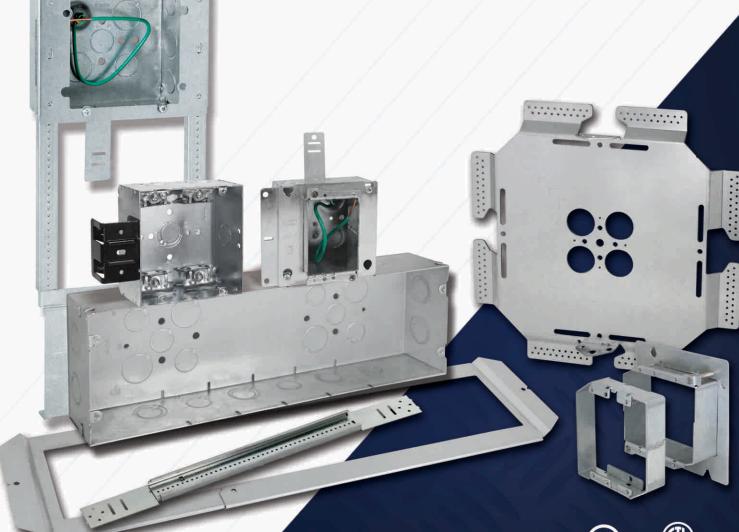


# **EXCLUSIVE &**

# **PREFAB PRODUCTS**

CATALOG V2







### **ABOUT ORBIT PREFAB**

### **Innovative Labor Saving Solutions**

As an electrical manufacturer founded by contractors, Orbit Industries has always known the importance of efficiency on the job. Since our inception in 1997, Orbit has consistently developed innovative electrical products, establishing itself as one of the leading manufacturers in the electrical industry.

Today, Orbit's Prefab line continues to deliver engineered solutions to optimize job-site productivity and provide flexibility in installation. Our products are designed with contractors in mind to provide the following features:

- · Efficient installations for reduced labor
- · Increase safety and bring the construction environment to the comfort of a controlled environment
- Allow contractors to bid and complete jobs more efficiently
- · Reduction of on-site mistakes and waste

### **The Orbit Advantage**

With a team of industry experienced sales representatives and talented engineers, Orbit provides innovative, quality products with convenience not found anywhere else. The Orbit Advantage includes:

- State-of-the-art automated manufacturing facilities that consistently produces quality products
- Industry experienced sales and engineering teams
- 98.7% fill rate with over 6,000 products in more than 11 different product lines, ready to ship
- Compliance with safety standards and electrical codes

### **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 into market in just 90 days. Some examples of products developed through QRM are the Wide Tiger Grip Box (pg 16), Metal Stud Bracket with MC Clamps (pg 13), our award winning patented Easy Access Lighting Boxes (pg 11), Box & Conduit Hanger Support Plates (pg 08), and the Simple Support Bracket (pg 03-04). We at Orbit are constantly innovating with the contractor in mind to meet all your electrical needs.



## FEATURED PRODUCTS

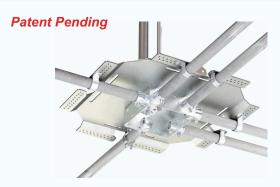
#### **Patent Pending**



The Simple Support Bracket is a labor saving solution for installing junction boxes between wood and metal studs. Adjusts from 16" to 24" and maintains rigidity when extended. It is also compatible with Orbit's patented adjustable rings.

Simple Support Bracket

pg. 3~4



The Box and Conduit Hanger Support Plates are an innovative solution for hanging boxes and conduits using one plate and rod rather than multiple rods.

**Box and Conduit Hanger Support Plates BCHS Series** 



Orbit's Adjustable Rings allow for flush installations when finished wall depths are unknown. Rings are available up to 3-gang or round for either 4" (4S) or 4-11/16" (5S) square boxes and are available with versions for NEMA boxes and stud mounting.

**Adjustable Rings** 

pg.17~18

#### **Patent Pending**



The Universal Mounting Adjustable Box Series features 4" square, 3-1/2" deep boxes with a 0" to 1-1/2" adjustability range. Mount directly-to-stud or use with the SSB for between stud and hard lid installations. Available in red for fire alarm applications.

#### **Universal Mounting Adjustable Box UMAB/FA-UMAB**

**Patented** 



Traditionally, installation of hanging fixtures requires at least two people to complete. Orbit's Easy Access Lighting Boxes cut labor costs in half and requires only one person for installation.

> **Easy Access Lighting Boxes** EALB/S





Double-Snap Cable Connectors offer a fast and tool-free installation of metal clad or armored cables to steel boxes. Simply snap the cable to the connector then snap to the box. Removable without tools and reusable.

**DOUBLE-SNAP CABLE CONNECTORS** 

pg. 19

pg. **11** 

pg.**7** 





## **TABLE OF CONTENTS**

### 1 SUPPORT SYSTEMS



All-In-One Stud Brackets
Ultimate Support Bracket
& Accessories



Adjustable Stud Wall Brackets
Simple Support Bracket &
Universal Mounting Adapter



Adjustable Stud Wall Brackets
Telescoping Support Bracket &
Adjustable Bar Hangers



Fixed Stud Wall Brackets
Fixed Position Box &
Multiple-Box Bracket



Stud Wall Boxes & Adapters
Universal Mounting Adjustable Box
& Box Mounting Adapter



Ceiling Mounting Plates

Box & Conduit Hanger

Support Plates



Fan Support Hangers
Fan Support & Adjustable
Bar Hangers



Bar Hangers
Fixed Bar Hangers for
Stud Ceilings & T-Bars

### 2 BOXES



Easy Hang Boxes
Easy Access Lighting Boxes
& EZ-Hang Box



Adjustable Back Support Boxes

Boxes with Adjustable

Back Support Arms



Metal Clad Boxes

Boxes with Metal Clad Cable Clamps



Pigtail Boxes
Boxes with Pigtails

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### 2 BOXES





Large Capacity Boxes
Data Boxes & Partitions

**Extra Wide Old-Work Switch Boxes** 

Deep/Wide Tiger Grip Boxes

### **3** ACCESSORIES







**Adjustable Rings** 

Adjustable Plaster Rings, Extensions, and Accessories

**Snap-In Fittings** 

Double-Snap & Fastlock Connectors

#### **Connectors & Conduit Supports**

NM Fittings, Conduit Locking Connectors & Cable Support

### 4 FEATURED PRODUCTS

STEEL PRODUCTS	21
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BOX SPECIFICATION	23-24
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## LL-IN-ONE STUD BRACKI

#### **ULTIMATE SUPPORT BRACKET & ACCESSORIES**



#### **PRODUCT FEATURES**

- Can be floor or wall mounted on wooden or metal studs
- Infinite height and width combinations
- Provides flexibility at job site
- · Works great with Orbit's adjustable rings
- Markings on bracket allow for quick and consistent adjustability.

#### NOTE

USB must be accompanied with either US4SB, US5SB, WBAR1G or WBAR2G mounting brackets to attach a steel box

Cat. No.	Description	Std. Pkg.
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" (4S) Box, snaps to USB	24
US5SB	Mounting Bracket for 4-11/16" (5S) Box, snaps to USB	50
USBS	Far-Side Back Support for 4" (4S) and 4-11/16" (5S) Boxes	50
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" (4S) 2-1/8" Deep Box mounted, 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" (5S) 2-1/8" Deep Box mounted, Includes installed Far-Side Back Support and Ground Pigtail	12
LVSB1 NEW!	Low Voltage Stud Mounting Bracket 1-Gang	50
LVSB2 NEW!	Low Voltage Stud Mounting Bracket 2-Gang	25











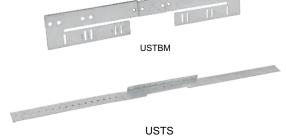














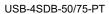


Assembly









### 02

### ALL-IN-ONE STUD BRACKETS

**ULTIMATE SUPPORT BRACKET & ACCESSORIES** 

#### **INSTALLATION VIEWS**

PATENTED REVOLUTIONARY SYSTEM



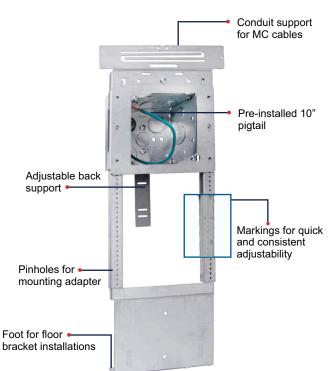


#### **FLOOR BRACKET**

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 Page 18 for more information on WBAR Series.



## **STUD WALL BRACKETS**

#### SIMPLE SUPPORT BRACKET SERIES



#### **PRODUCT FEATURES**

- Telescoping bracket adjusts from 16" to 24"
- SSB can be preassembled to save time and reduce injury on the job site
- UMA can either mount-tostud directly or clip onto bracket
- Rigidity eliminates need for far-side back support
- Markings on bracket allow for quick and consistent adjustability.

#### **NOTE**

SSB must be accompanied with either UMA, WBAR1G or WBAR2G mounting brackets to attach a steel box



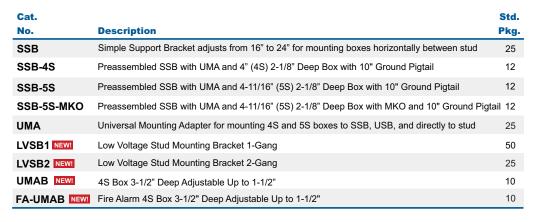
03





**SNAP-IN** 

Adapter easily clips onto bracket





SSB



SSB-4S Includes 4" Square Box with 1/2" & 3/4" KOs



SSB-5S Includes 4-11/16" Square Box with 1/2" & 3/4" KOs



SSB-5S-MKO Includes 4-11/16" Square Box with MKOs (combination 1/2" & 3/4" KO)



UMA



LVSB1 NEW!



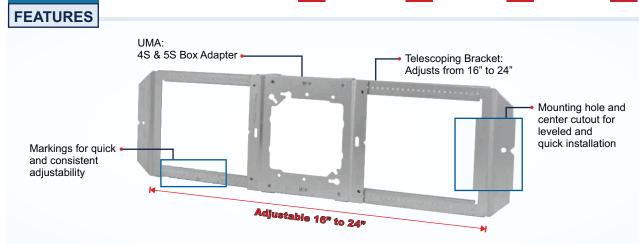
LVSB2 NEW!



UMAB NEW!



FA-UMAB NEW!





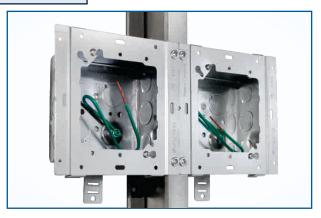




## STUD WALL BRACKETS

SIMPLE SUPPORT BRACKET SERIES

#### **INSTALLATION**





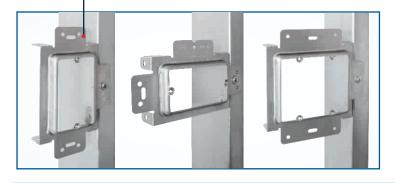
#### **UNIVERSAL MOUNTING ADAPTER**

Use the UMA for direct-to-stud applications.

#### **SSB WITH ADJUSTABLE RINGS**

Use WBAR Series or different adjustable rings to mount boxes to SSB. See Page 17-18 for more information.







#### **LOW VOLTAGE STUD BRACKET**

Use LVSB Series with the SSB for low voltage applications. Can also be mounted alone directly to stud, vertically or horizontally.

#### **UNIVERSAL MOUNTING ADJUSTABLE BOX**

UMAB Series of 4" square, 3-1/2" deep boxes are adjustable from 0" to 1-1/2". See Page 7 for more information.









05

## STUD WALL BRACKETS

#### TELESCOPING SUPPORT BRACKET & ADJUSTABLE BAR HANGERS

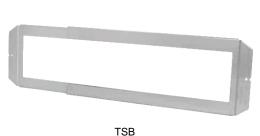


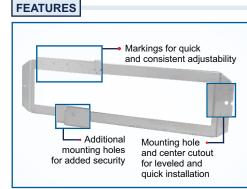
#### **PRODUCT FEATURES**

- Telescoping bracket adjusts from 16" to 27"
- Accepts 4" (4S), 4-11/16" (5S), and Multi-gang junction boxes
- 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









#### **INSTALLATION**





Fits 4" (4S), 4-11/16" (5S), and Multi-gang junction boxes and rings without an adapter

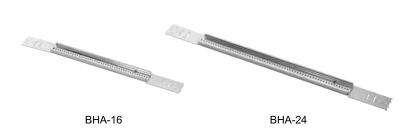
### ADJUSTABLE BAR HANGER

#### **PRODUCT FEATURES**

- Ends bend and wrap around stud
- Can be used with boxes 1-1/2" or 2-1/8" deep

Cat. No.	Description	Std. Pkg.
BHA-16	11" to 18" Adjustable Box Bracket - Mount Box with self-tapping screws Ends bend and wrap around stud - Can be used with boxes 1-1/2" or 2-1/8" deep	50
BHA-24	16" to 26" Adjustable Box Bracket - Mount Box with self-tapping screws Ends bend and wrap around stud - Can be used with boxes 1-1/2" or 2-1/8" deep	50







BOX AND CONDUIT SUPPORT BETWEEN STUDS USING BHA

Mount boxes between studs 11" to 18" using the BHA-16 or 16" to 26" using the BHA-24





## FIXED STUD WALL BRACKET

#### FIXED POSITION BOX BRACKET & MULTIPLE BOX BAR HANGER

#### **FIXED POSITION BOX MOUNTING BRACKET**

#### **PRODUCT FEATURES**

- Compatible with 4" (4S), 4-11/16" (5S) and 5" square boxes
- Mounting holes allow for a 4" (4S) ring and eliminates the need for an electrical box for low voltage applications
- Low profile design limits drywall bulging



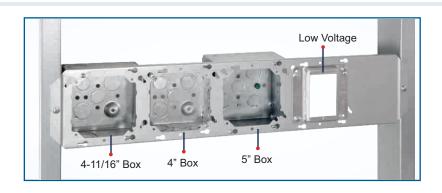


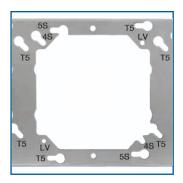




FMB-16 NEW!







#### **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**

Mounting Holes are marked to easily identify box and ring placement

#### **MULTIPLE-BOX BAR HANGER**

#### **FLAT**

#### **PRODUCT FEATURES**

- Pre-Galvanized 18 Gauge sheet metal
- Accommodates 4" (4S), 4-11/16" (5S), and Multi-gang Boxes
- Allows steel boxes to adjust easily horizontally along the bracket
- · Reduces assembly time on job site

#### NOTE

The MBBH-24 for 24" studs has been discontinued and replaced by Orbit's TSB or FMB-24. See Page 5 for more information on the TSB.

Cat.		Dimensions	Вох		Std.
No.	Application	(W x L)	Sizes	Depth	Pkg.
MBBH-16	For 16" Stud spacing	6" x 16"	4" & 4-11/16"	1-1/2" & 2-1/8"	50





Shown installed with both 4" & 4-11/16" Square Boxes







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## **STUD WALL BOXES & ADAPTERS**

#### UNIVERSAL MOUNTING ADJUSTABLE BOX & BOX MOUNTING ADAPTER

### Universal Mounting Adjustable Box

#### **PRODUCT FEATURES**

- Adjustable from 0" to 1-1/2"
- Compatible with Orbit's SSB (Page 3) for between stud installations.
- Can be used for Hard Lid installations
- Allows for direct-to-stud installations



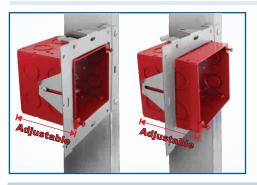








FA-UMAB NEW!







#### **DIRECT-TO-STUD**

Guided-slots on each side allow the box to be easily adjusted by simply loosening the screws.

Adjustable 0" to 1-1/2"

#### **COMPATIBLE WITH SSB**

UMAB can be used with an SSB for between stud or ceiling installations.

### **Box Mounting Adapter**

#### PRODUCT FEATURES

- Mounts to 4" (4S) and 4-11/16" (5S) boxes
- Mounting holes allow for installation of 4" (4S) rings for low voltage applications
- Adjustable Back Support helps maintain rigidity when installed
- Low profile design limits drywall bulging
- For use with metal or wood
   stude





BMA-23



BMA-4 NEW!



DIRECT-TO-STUD

BMA allows for boxes to be mounted directly-to-stud











## CEILING MOUNTING PI

#### **BOX & CONDUIT HANGER SUPPORT PLAT**

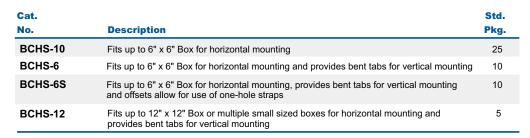


#### **PRODUCT FEATURES**

- Pre-Galvanized 16 Gauge Steel
- No cutting required • Pin holes and slots allow for use of conduit straps
- · Self-reinforcing as more conduit is added
- Requires only one rod for installation
- · Stamped markings provide guide lines
- · Easy to preassemble to save time and material









BCHS-10



BCHS-6

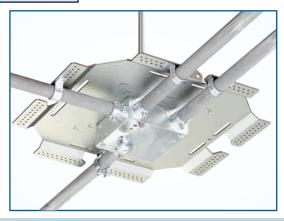


BCHS-6S

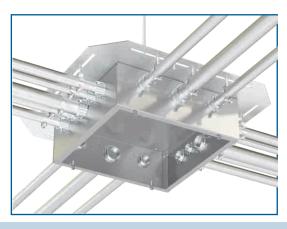


BCHS-12

#### **INSTALLATION**



**BCHS-6S** Allows for use of one-hole strap



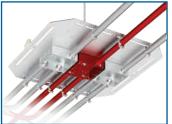
**BCHS-12** 

12" x 12" NEMA installed









#### **BCHS-10**

Horizontally mount boxes up to 6" x 6"

#### **BCHS-6**

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

#### **BCHS-6S**

Horizontally or Vertically mount boxes up to 6" x 6" and allows for the use of one-hole straps

#### **BCHS-12**

Fits multiple boxes for multi-system installations



www.orbitelectric.com

## **FAN SUPPORT HANGERS**

#### FAN SUPPORT & ADJUSTABLE BAR HANGERS

#### **FAN SUPPORT BAR HANGERS**

#### **PRODUCT FEATURES**

- NBH: New Construction Bar Hanger slides apart to fit joist spacing from 16" to 24"
- ÖBH: Öld Work Bar Hanger for joist spacing from 16" to 24", no tools necessary for expansion of the bar

More Orbit Fan Support Boxes available at www.orbitelectric.com

Cat.		Std.
No.	Description	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





FS-OBH SHOWN INSTALLED

Mounts 1-1/2" to 2-1/8" Fan Boxes for old work application

09

#### **ADJUSTABLE BAR HANGERS**

#### PRODUCT FEATURES

- Steel
- Electroplated Zinc
- For Stud and T-Bar

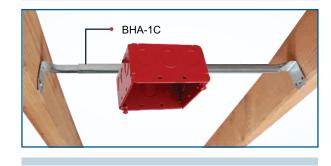
Cat. No.	Description	Std. Pkg.
NO.	Description	PKg.
BHA-1	Adjustable Bar Hanger with stud for joist spacing 16" to 24" with #3/8-18 NPS Threaded Stud	50
BHA-1C	Adjustable Bar Hanger with stud for joist spacing 16" to 24" with Box Clip	50
ABS	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, for use 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











#### SHOWN INSTALLED

Mount boxes between 16" to 24" space studs



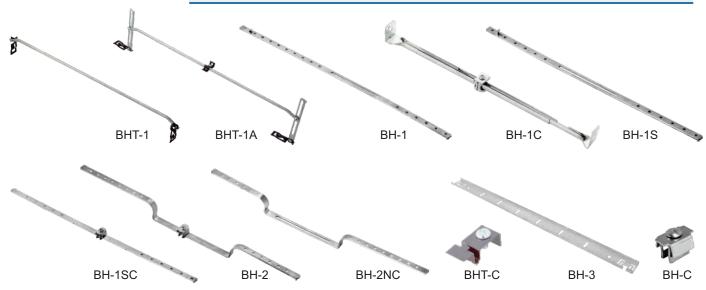


#### **FIXED BAR HANGERS**

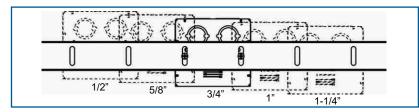
#### **PRODUCT FEATURES**

- Steel
- Electroplated Zinc
- For Stud and T-Bar

Cat. No.		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
BH-1	24" Straight bar hanger for mounting ceiling boxes, slotted, includes 2 Stove Bolts per unit	50
BH-1C	24" Straight bar hanger for mounting ceiling boxes, with BH-C Box Clip	50
BH-1S	20" Straight bar hanger for mounting ceiling boxes, slotted, includes 2 Stove Bolts per unit	50
BH-1SC	20" Straight bar hanger for mounting ceiling boxes, with Box Clip BH-C	50
BH-2	21" Offset (1-1/2") bar hanger for mounting boxes with ring	50
BH-2NC	21" Offset (1-1/2") bar hanger for mounting boxes with ring, slotted, includes 2 Stove Bolts/unit	t 50
вн-с	Additional box clip & screw set for use with BH-1, BH-1S & BH-2NC	100
BH-3	Straight bracket for mounting architectural recess lights 25-1/4" long with notches 24" apart for use on T-Bar	50
BHT-C	Additional box clip & screw set for use with BHT-1 & BHT-1A	100



#### **FEATURES & INSTALLATION**



#### **BH-3 FEATURES**

Adjust vertically from 1/2" to 1-1/4" between 5 different positions





#### **6-WAY ADJUSTABLE T-BAR HANGER**

The BH-3 is ideal for recessed lighting applications, fire alarm device installation, and LED retrofit lighting applications. It's compatible with Orbit's 4SEDB-CKO and FA-4SEDB-CKO.

#### **BH-3 FEATURES**

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



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## **EASY HANG BOXES**

#### EASY ACCESS LIGHTING BOXES & EZ-HANG BOX

**EASY ACCESS** LIGHTING BOXES 2-1/8" DEEP

30.2 Cu. In.

#### **PRODUCT FEATURES**

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

Cat.		<b>Dimensions</b>	Knockouts		Std.
No.	Description	(W x H)	Sides	Bottom	Pkg.
EALB	Easy Access Lighting Box	4" X 4"	4-CKO	3-1/2", 1-3/4"	50
<b>EALBS</b>	Easy Access Lighting Box with Sliding Swivel	4" X 4"	4-CKO	3-1/2", 1-3/4"	10





**EALB** 

**EALBS** 

















#### TRADITIONAL METHOD

Requires two installers

Cat.

No.

#### WITH ORBIT'S EALB/S

Only one installer

**EZ-HANG BOX** 4-11/16" SQUARE (5S) **BOX** 

#### **DRAWN**

2-1/8" DEEP 42.0 Cu. In. WITH RAISED GROUND EMBOSS

#### **PRODUCT FEATURES**

- · Back-center KO is replaced with a 0.27" diameter back-center hole
- · Back-center hole allows for use of 1/4" rod for suspended applications
- No washer is needed, allowing for a fast and efficient installation



**Description** 

D5SDB-CKO-S NEW! 5S Drawn Special Box with CKO

D5SDB-CKO-S NEW!



**Knockouts** 

Bottom

3 - 3/4

Sides

2 - 1/2", 10 - CKO

Std.

Pkg.

24

Secure box to ceiling with just a 1/4" rod and locknut







## ADJUSTABLE BACK SUPPORT BOXES

BOXES WITH ADJUSTABLE BACK SUPPORT ARMS

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

#### **WELDED**

2-1/8" DEEP 42.0 Cu. In.

WITH RAISED GROUND EMBOSS

#### **BOXES WITH 10" PIGTAIL**

Pre-Assembled 3-Way, 10-32 Ground Screw and Solid Cu #12AWG 10" Pigtail

#### **BSA**

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





5SDB-50/75-PT-BSA



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



Adjustable Back Support Arm

#### 4" SQUARE (4S) DEEP BOXES WELDED

2-1/8" DEEP

30.3 Cu. In.

WITH RAISED GROUND EMBOSS

#### **BOXES WITH 10" PIGTAIL**

Pre-Assembled 3-Way, 10-32 Ground Screw and Solid Cu #12AWG 10" Pigtail

#### BSA

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

Extensions & additional Adjustable Rings available on page 17-18

	Cat.		Knoc	kouts	Std.
	No.	Bracket & Setback	Sides	Bottom	Pkg.
	4SDB-50/75-PT-BSA	With Back Support	8 - 1/2", 4 - 3/4"	1 - 1/2", 2 - 3/4"	24
	4SDB-50/75-AB-PT-BSA	With Back Support + AB Bracket	6 - 1/2", 3 - 3/4"	1 - 1/2", 2 - 3/4"	24
	4SDB-MKO-PT-BSA	With Back Support	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24
•	4SDB-MKO-AB-PT-BSA	With Back Support + AB Bracket	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24
	4SDB-MKO-AR1G	4SDB-MKO-AB-PT-BSA + 1G Adj. Ring	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24
	4SDB-MKO-AR2G	4SDB-MKO-AB-PT-BSA + 2G Adj. Ring	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24



4SDB-50/75-PT-BSA



4SDB-50/75-AB-PT-BSA



4SDB-MKO-PT-BSA



4SDB-MKO-AB-PT-BSA



4SDB-MKO-AR1G



4SDB-MKO-AR2G

- 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



## AL CLAD BOXES

#### BOXES WITH METAL CLAD CABLE CLAMPS

#### 4-11/16" SQUARE (5S), **DEEP BOXES**

#### **WELDED**

2-1/8" DEEP

42.0 Cu. In. WITH METAL CLAD (BX/MC) CABLE CLAMPS

#### **BX/MC CLAMP**

- · All MC series boxes are suitable for use with MCAP™-Aluminum
- MCAP is a trademark of Southwire Company

#### **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

Cat.		Knoc	Std.	
No.	Bracket & Setback	Sides	Bottom	Pkg.
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	2-MKO, 3 - 1/2"	24
5SDB-MC2-MS*	MS, Self-Gripping + Box Support Clip	1-MKO, 8-Loom	1-MKO	24



5SDB-MC



5SDB-MC-FB



BX/MC Clamp



5SDB-MC-MS\*



5SDB-MC2-MS\*



5SDB-MC2-MS\* on Metal Stud

#### 4" SQUARE (4S) **DEEP BOXES**

#### **WELDED**

2-1/8" DEEP

30.3 Cu. In. WITH METAL CLAD (BX/MC) **CABLE CLAMPS** 

#### **BX/MC CLAMP**

- · All MC series boxes are suitable for use with MCAP™-Aluminum
- · MCAP is a trademark of Southwire Company

#### **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

#### **BOXES WITH PIGTAIL**

Pre-Assembled 3-Way, 10-32 Ground Screw and Solid Cu #12AWG 7" Pigtail

· Acceptable for use in 2-hour fire rated walls

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



4SDB-MC



4SDB-MC-FB-PT



4SDB-MC-B



4SDB-MC-MS-PT\*







## METAL CLAD BOXES & PIGTAIL B

BOXES WITH METAL CLAD CABLE CLAMPS & PIGTA

#### 4" SQUARE (4S), **DEEP BOXES**

#### **WELDED**

1-1/2" DEEP 30.3 Cu. In. WITH METAL CLAD (BX/MC) **CABLE CLAMPS** 

#### **BX/MC CLAMP**

- All MC series boxes are suitable for use with MCAP™-Aluminum
- MCAP is a trademark of Southwire Company

#### **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

#### **BOXES WITH PIGTAIL**

Pre-Assembled 3-Way, 10-32 Ground Screw and Solid Cu #12AWG 7" Pigtail

Cat.		Knockou	Std.	
No.	Bracket & Setback	Sides	Bottom	Pkg.
4SB-MC-PT	-	4 - 1/2", 2-MKO, 4-Loom	1 - 1/2"	50
4SB-MC-B	B, Flush	2 - 1/2", 1-MKO, 4-Loom	1 - 1/2"	24
4SB-MC-FB-PT	FB, Flush + 7" Pigtail	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-PT*	MS + Box Support Clip + 7" Pigtail	2 - 1/2", 1-MKO, 4-Loom	1 - 1/2"	24



4SB-MC-PT



4SB-MC-B



4SB-MC-B on Wood Stud









<b>ADDI</b>	ΓΙΟΝΑL	<b>BOXES</b>
<b>WITH</b>	<b>PIGTAII</b>	L

#### **BOXES WITH PIGTAIL**

Pre-Assembled 3-Way, 10-32 Ground Screw and Solid Cu #12AWG 7" Pigtail



Pre-Assembled Ground Screw and Pigtail

Cat.	Mfg.		Cu.	Knockouts		Std.
No.	Process	Dimension WxHxD	Inch	Sides	Bottom	Pkg.
5SDB-MKO-PT	Welded	4-11/16" x 4-11/16" x 2-1/8"	42.0	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT	Welded	4" x 4" x 2-1/8"	30.3	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SB-50/75-PT	Welded	4" x 4" x 1-1/8"	21.0	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-50/75-PT	Drawn	4" x 4" x 1-1/8"	21.0	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-75-PT	Drawn	4" x 4" x 1-1/8"	21.0	8 - 3/4"	2 - 1/2", 2 - 3/4"	50
DHB3-PT	Drawn	5-3/4" x 4" x 2-1/8"	44.0	4 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	25



5SDB-MKO-PT



4SDB-MKO-PT



4SB-50/75-PT



D4SB-50/75-PT



D4SB-75-PT



DHB3-PT



<sup>• 600</sup>V 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

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# LARGE CAPACITY BOXES

DATA BOXES & PARTITIONS

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

#### WELDED

2-1/2" DEEP 49.4 Cu. In. WITH RAISED GROUND EMBOSS & TWO #8-32 x 1/2" MOUNTING SCREWS

#### **PRODUCT FEATURES**

 Suitable for Datacom & Electrical Applications











5SLB-2MKO

### FITS UP TO 45 FT. OF DATA CABLE





5SLB-2MKO Shown Installed

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

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

#### **PRODUCT FEATURES**

 Steel Partitions allows for multi-system installations inside junction box

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



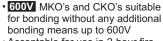
5SDP-200



5SLP-100



5SLP-200



 Acceptable for use in 2-hour fire rated walls





### EXTRA WIDE OLD-WORK SWITCH BOXES

DEEP/WIDE TIGER GRIP BOXES

#### **DEEP TIGER GRIP**

#### **PRODUCT FEATURES**

- 3-1/2" Deep
- With Pre-Assembled 10-32 Ground Screw & 7-1/2" Long #12AWG Solid Pigtail







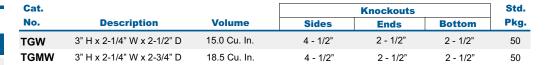
TGD-1

#### **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







TGW



TGMW



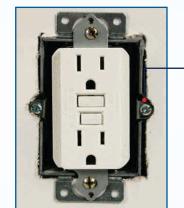
**TGMW SHOWN** 

#### **INSTALLATION**





Very Little Room For Large Device Installation





More Space For an Easier Fit!

TRADITIONAL TIGER GRIP WITH GFCI INSTALLED

TGW SHOWN WITH GFCI INSTALLED



vs

## DJUSTABLE RINGS

### ADJUSTABLE PLASTER RINGS, EXTENSIONS, AND ACCESSORIES

#### **ADJUSTABLE RINGS**

#### **PRODUCT FEATURES**

- For use with 4" Square (4S) and 4-11/16" Square (5S) Deep 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





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



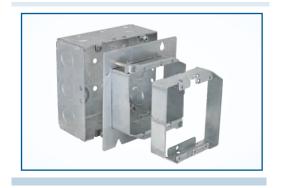






4SAR1G

5SAR2G 5SAR1G







#### ACCESSIBLE ADJUSTABILITY

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

#### **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

#### **U.S. PATENT NO.:**

7,468,486













**UPCTS** 



Complete UPC Assembly Shown Installed with Toggle Switch





### ADJUSTABLE RINGS

#### STUD MOUNTING & UL-APPROVED ADJUSTABLE RINGS

### STUD MOUNTING ADJUSTABLE RINGS

#### **PRODUCT FEATURES**

- Accepts 4" (4S) or 4-11/16"
   (5S) square boxes in line voltage applications
- Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Ultimate Support Bracket (Page 1) or Simple Support Bracket (Page 3)
- Can be used standalone for low voltage communications applications

#### **U.S. PATENT NO.:**

7,468,486







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



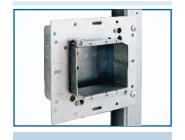
WBAR1G



WBAR2G



WBAR on the 6" x 6" NEMA Enclosure



Mount 4" & 4-11/16" Square Boxes directly to stud

### 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.	Description	Adjustability Range	Std. Pkg.
4AR1G-58	1-Gang Adjustable ring for 4S Deep Boxes	5/8" to 1-1/4"	25
4AR1G-34	1-Gang Adjustable ring for 4S Deep Boxes	3/4" to 1-1/2"	25
4AR2G-58	2-Gang Adjustable Ring for 4S Deep Boxes	5/8" to 1-1/4"	25
4ARR-34	Round Adjustable Ring for 4S Deep 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



4ARR-34



3GAR-34



## **SNAP-IN FITTINGS**

#### DOUBLE-SNAP & FASTLOCK CONNECTORS

#### 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, RWFMC
- Dry location

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
DSC-38 NEWI	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"	3/8"	50	500
DSC-38C NEW	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 NEW!



DSC-38C

## STEEL "FASTLOCK"

#### PRODUCT FEATURES

• Steel

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• Electroplated Zinc

**CONNECTOR** 

- Saddle-Base Connector (FLC-50, FLC-50L, FLC-75L)
- Combo Head Set-Screw
- For AC, MCI, RWFMC, ALFMC

#### NOTE

· Insulated color may vary

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
FLC-50	STEEL "FASTLOCK" CONNECTOR Steel AC 14/2 (0.440) to 10/3 AL AC 14/2 (0.475) to 10/3 Steel MC Interlocking (MCI) 0.437" to 0.565" O.D. AL MC Interlocking (MCI) 0.525" to 0.629" O.D. AL Corrugated Continuous (MCC) 0.350" to 0.592" O.D. Steel & AL Flex RWFMC: 3/8"	1/2"	50	500
FLC-50L	STEEL "FASTLOCK" WIDE-THROAT CONNECTOR Steel AC 10/4 (0.625) to 6/3 (0.842) AL AC 10/4 (0.625) to 8/4 (0.770) Steel MC Interlocking (MCI) 10/3 (0.594) to 6/2 (0.740) AL MC Interlocking (MCI) 10/3 (0.594) to 8/2 (0.650) Steel RWFMC, AL RWFMC, AL FMC: 1/2"	1/2"	50	500
FLC-75L	STEEL "FASTLOCK" WIDE-THROAT CONNECTOR Steel AC 10/4 (0.625) to 6/3 (0.840) AL AC 10/4 (0.622) to 8/4 (0.760) Steel MC Interlocking (MCI) 10/3 (0.594) to 6/2 (0.746) AL MC Interlocking (MCI) 10/3 (0.582) to 8/2 (0.650) Steel RWFMC, AL RWFMC & AL FMC: 1/2"	3/4"	25	250
FLD-50	STEEL "FASTLOCK" DUPLEX CONNECTOR Steel AC 14/2 (0.454) to 12/4 (0.556) Aluminum AC 14/2 (0.485) to 12/4 (0.565) Steel MC Interlocking (MCI) 14/2 (0.470) to 12/4 (0.520) Aluminum MC Interlocking (MCI) 14/2 (0.460) to 12/4 (0.590) Steel RWFMC, AL RWFMC, AL FMC: 3/8"	1/2"	25	250



FLC-50



FLC-50/75L



FLD-50





### CONNECTORS & CONDUIT SUPP

NM FITTINGS, CONDUIT LOCKING CONNECTOR & CABLE SUPPO

For Use With

14/2, 14/3, 12/2

14/4, 12/3, 6/1, 4/1

12/4, 10/2, 10/3, 2/1

8/4, 6/2, 4/2, 4/3, 6/4

One or Two 14/2, 14/3, 12/2 One 12/3, 10/2, 10/3

One or Two 0.3000" or 0.600" cords

10/4, 8/2, 8/3, 1/1

For Use With

#### **ANTI-SHORT BUSHINGS THERMOPLASTIC**

#### **PRODUCT FEATURES**

• High-Temperature Plastic • Fits BX (AC) and Flex Conduits

#### **PVC NON-METALLIC (NM) CABLE CONNECTOR**

#### **PRODUCT FEATURES**

· Heavy-Duty PVC

#### **NON-METALLIC CABLE CONNECTORS PUSH-IN TYPE**

#### **PRODUCT FEATURES**

- Flame-Retardant Polypropylene
- · Special gripping arrangement for easy cable insertion



#### Cat. **Trade Size** No. For Use With Std. Pkg. Master Ctn. NMP-50 One 10, 12, 14 AWG two-conductor cables 1/2" 100 500 with or without ground wire

**Trade Size** 

5/16"

3/8"

7/16"

1/2"

3/4"

**Trade Size** 

1/2

Std. Pkg.

35

35

35

20

16

Std. Pkg.

50

Master Ctn.

3500

2100

700

400

320

**Master Ctn.** 

500



Cat.

No.

**ASB-516** 

ASB-38

**ASB-716** 

ASB-50

ASB-75

Cat.

No.

NM-50





NMP-50

#### CONDUIT LOCKING CONNECTOR

#### **PRODUCT FEATURES**

- Steel
- Fits 4" (4S), 4-11/16" (5S) and 40 boxes as well as Orbit's patented EALB/S
- · Hooks prevent rotation of fixtures such as security cameras and emergency lighting
- Holes allow for seismic wiring
- Includes set-screw and locknut
- · Can replace Rigid Threaded Conduit Fittings

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CLCSL-50	1/2"	10	100
CLCSL-75	3/4"	10	100







Included



CLCSL

Before Installation

After Installation Prevents Rotation

#### STUD MOUNTING CABLE SUPPORT

#### **PRODUCT FEATURES**

- Pre-Galvanized Steel
- Wood or Metal Stud
- · Easy to Lock

Cat.			Std.	
No.	Description	Non-Metallic	MC/AC/BX	Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100











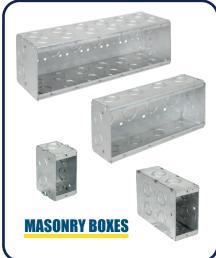






















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# FEATURED PRODUCTS

**ELECTRICAL FITTINGS** 



















#### **MATERIALS**

STEEL, DIE CAST ZINC, MALLEABLE IRON, AND PVC.



Steel







PVC

Die Cast Zinc

Malleable Iron

Orbit's fittings are available in a variety of sizes and high quality materials.

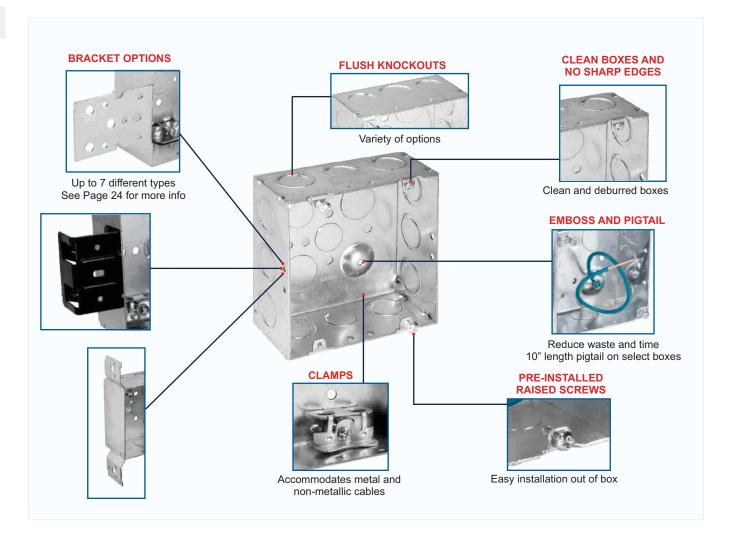


## **BOX SPECIFICATION**

As a leading manufacturer of steel products, Orbit offers one of the largest selections of steel boxes and rings in the industry. Our state-of-the-art manufacturing facilities and industry trained engineers ensure the production and development of quality steel products. With the contractor in mind, Orbit's boxes are cleaned, deburred, and offered with a variety of brackets and knockouts.

With innovation as our main priority, Orbit's products are designed to increase productivity and efficiency on the job. All of Orbit's products are in stock and ready to ship at your convenience. As your solutions-based manufacturer, Orbit is dedicated to keeping you competitive in this rapidly changing market.







## **BOX SPECIFICATION**

#### **BRACKET SPECIFICATION**

Bracket Type	AB	B (for S)	FB (for S)	FB (for FSB)	FB (for B)	FB (for H)	LB	MS	ОВ	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)



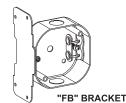
"AB" 90° BRACKET Positions box against face and side of stud.



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



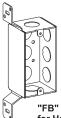
'FB" BRACKET for Square Box Mounts on flat side of stud.



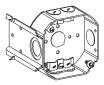
for FSB Flush-Mounts on flat side of stud or joist.



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



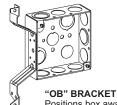
"FB" BRACKET for Handy Box Mounts on flat side



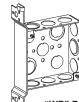
"LB" BRACKET With spurs, slotted holes for toe-nailing.



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



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



"WB" BRACKET With positioning spurs to mount box on side

#### **CLAMP SPECIFICATION**



Accommodates Metal Clad Cables from size #14-2 to #10-4 \*\*All MC series boxes are

suitable for use with MCAP™-Aluminum, MCAP is a trademark of **Southwire Company** 



Accommodates #14-2 to #10-3 Non-Metallic Cables with ground.

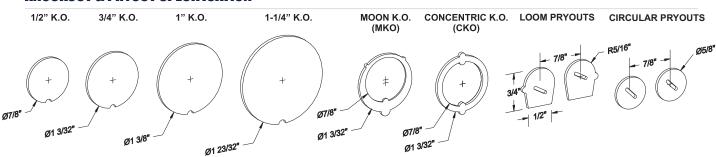


"NM" CLAMP for Pancake Box Accommodates #14-2 Non-Metallic **Sheathed Cables** with ground.



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

#### **KNOCKOUT & PRYOUT SPECIFICATION**



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BH-2	10
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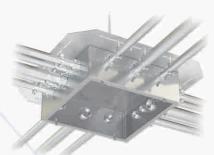


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