

7.2. No -10

EXCLUSIVE & Prefab products



Intertel



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





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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

09



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

2



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

2BOXES



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



Adjustable Back Support Boxes Boxes with Adjustable Back Support Arms



Metal Clati Boxes Boxes with Metal Clad Cable Clamps



Pigtail Boxes Boxes with Pigtails





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Data Boxes & Partitions

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www.orbitelectric.com



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LL-IN-ONE STUD BRACK S **ULTIMATE SUPPORT BRACKET & ACCESSORIES**

USB SERIES

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

01

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





USB



Cat.		Std.
No.	Description	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







USB-4SDB-50/75-PT

USB-5SDB-50/75-PT

ALL-IN-ONE STUD BR **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.



UD WALL BRACKETS SIMPLE SUPPORT BRACKET SERIES

Cat.

No.

SSB 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

PATENT

PENDING

03

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

SNAP-IN Adapter easily clips onto bracket

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ORBIT INDUSTRIES

EXCLUSIVE

	SSB	Simple Support Bracket adjusts from 16" to 24" for mounting boxes horizontally between stud	25
	SSB-4S	Preassembled SSB with UMA and 4" (4S) 2-1/8" Deep Box with 10" Ground Pigtail	12
	SSB-5S	Preassembled SSB with UMA and 4-11/16" (5S) 2-1/8" Deep Box with 10" Ground Pigtail	12
0	SSB-5S-MKO	Preassembled SSB with UMA and 4-11/16" (5S) 2-1/8" Deep Box with MKO and 10" Ground Pigtail	12
.0	UMA	Universal Mounting Adapter for mounting 4S and 5S boxes to SSB, USB, and directly to stud	25
	LVSB1 NEW!	Low Voltage Stud Mounting Bracket 1-Gang	50
	LVSB2 NEW!	Low Voltage Stud Mounting Bracket 2-Gang	25
	UMAB NEW!	4S Box 3-1/2" Deep Adjustable Up to 1-1/2"	10
	FA-UMAB NEW!	Fire Alarm 4S Box 3-1/2" Deep Adjustable Up to 1-1/2"	10



Description

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



SSB-4S Includes 4" 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)





Std.

Pkg.

FA-UMAB NEW!



STUD WALL BRACKETS SIMPLE SUPPORT BRACKET SERIES





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.

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STUD WALL BRACKETS

TELESCOPING SUPPORT BRACKET & ADJUSTABLE BAR HANGERS



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









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 BRACKETS FIXED POSITION BOX BRACKET & MULTIPLE BOX BAR HANGER

FIXED POSITION BOX MOUNTING BRACKET

Cat.		Std.
No.	Description	Pkg.
FMB-16 NEW!	Fixed Position Box Mounting Bracket for 16" Stud	25
FMB-24 NEW!	Fixed Position Box Mounting Bracket for 24" Stud	25

Dimensions

(W x L)

6" x 16"

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

Cat.

No.

MBBH-16

MOUNTING HOLES

Mounting Holes are marked to easily identify box and ring placement

Box

Depth

1-1/2" & 2-1/8"

Sizes

4" & 4-11/16"

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.



Application

For 16" Stud spacing



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



www.orbitelectric.com

Std.

Pkg.

50

STUD WALL BOXES & ADAPTERS

UNIVERSAL MOUNTING ADJUSTABLE BOX & BOX MOUNTING ADAPTER

Universal Mounting Adjustable Box		Cat. No.	Description	Std. Pkg.
			4S Box 3-1/2" Deep Adjustable Up to 1-1/2"	10
	PRODUCT FEATURES	FA-UMAB NEW!	Fire Alarm 4S Box 3-1/2" Deep Adjustable Up to 1-1/2"	10
	Adjustable from 0" to 1 1/2"			

- 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	Cat. No.	Description	Std. Pkg.
Adapter	BMA-23 NEW!	Box Mounting Adapter with 3-1/2" & 2-1/2" Far Side Support	25
PRODUCT FEATURES	BMA-4 NEW!	Box Mounting Adapter with Far Side Support up to 4"	25

• 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 studs



www.orbitelectric.com

BMA-4

NEW!

BMA-23

NEW!



DIRECT-TO-STUD

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

CEILING MOUNTING PI **BOX & CONDUIT HANGER SUPPORT PL**

BCHS SERIES

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



Cat.		Std.
No.	Description	Pkg.
BCHS-10	Fits up to 6" x 6" Box for horizontal mounting	25
BCHS-6	Fits up to 6" x 6" Box for horizontal mounting and provides bent tabs for vertical mounting	10
BCHS-6S	Fits up to 6" x 6" Box for horizontal mounting, provides 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 small sized boxes for horizontal mounting and provides bent tabs for vertical mounting	5



BCHS-10



BCHS-6





BCHS-12

08

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



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"
- OBH: Old 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





FIXED BAR HANGERS FOR STUD CEILINGS & T-BARS

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FIXED BAR HANGERS

PR	ODU	CT FEATURES	

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

Cat.		Std.
No.	Description	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/uni	t 50
BH-C	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







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BHT-C BH-3 BH-C

FEATURES & INSTALLATION





BH-3 FEATURES Adjust vertically from 1/2" to 1-1/4" between 5 different positions



BH-3 FEATURES Secure to T-Bar using bending tabs to

comply with NEC 315.23(d)

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.



EASY ACCESS LIGHTING BOXES & EZ-HANG BOX

	0-1				[044
EASY ACCESS	Cat. No.	Description		Dimensions (W x H)	Knoc Sides	kouts Bottom	Std. Pkg
LIGHTING BOXES	EALB	Easy Access Lighting E	Box	4" X 4"	4-CKO	3-1/2", 1-3/4"	50
2-1/8" DEEP	EALBS			4 X 4 4" X 4"	4-CKO 4-CKO	3-1/2 , 1-3/4 3-1/2", 1-3/4"	50 10
30.2 Cu. In.				4 \ 4	4-CKU	3-1/2 , 1-3/4	10
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 		EALB			EALBS		
90 lbs. of fixture load		LALD			EALBO		
PATENTED DEBIT INDUSTRIES EXCLUSIVE		STANDARD COVER PLATE Ist slide in and secure with screws	Includ Bus J2 DETACHABLE SIDES	lates ALBS as reducing thing for enduit SWIVEL COVE 20 Swivel Ar 20 Swivel Ar Accommode Ubation Fits 3/4" cor	R PLATE gle— For is and motions For	TACHABLE SIDES easy wiring	
50% LABOR SAVINGS							
		ONAL METHOD s two installers	WITH ORBIT'S EAL Only one installer				
	Cat.				Knocko	uts	St
EZ-HANG BOX	No.					-	
	NO.	Descript	tion		Sides	Bottom	Pk
			tion /n Special Box with Cl	<0 2 - ²	Sides /2", 10 - CKO	Bottom 3 - 3/4"	
BOX				<0 2- ⁻			
BOX DRAWN				<0 2 - ⁻			
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	D5SDB-C			<0 2-*			Pk 2 ²
BOX DRAWN 2-1/8" DEEP 12.0 Cu. In. WITH RAISED GROUND EMBOSS PRODUCT FEATURES • Back-center KO is replaced with a 0.27" diameter back-center hole	D5SDB-C			<0 2 - ⁻			

 No washer is needed, allowing for a fast and efficient installation



www.orbitelectric.com

Secure box to ceiling with just a 1/4"

rod and locknut

NEW!

ADJUSTABLE BACK SUPPORT r R BOXES WITH ADJUSTABLE BACK SUPPORT ARMS



12

4-11/16" SQUARE (5S)	Cat. No. Bracket & Setback		Knockouts Sides Bottom		Std. Pkg.	
BOXES	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	

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







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

 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

Extensions & additional Adjustable Rings available on page 17-18



4SDB-50/75-PT-BSA



4SDB-MKO-AB-PT-BSA



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



4SDB-MKO-AR1G



4SDB-MKO-PT-BSA



4SDB-MKO-AR2G

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

Cat.		Knocl	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

al clad box BOXES WITH METAL CLAD CABLE CLAMPS

Cat.

No.

5SDB-MC

5SDB-MC-FB

5SDB-MC-MS*

5SDB-MC2-MS*

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



5SDB-MC



5SDB-MC-MS*

21

4SDB-MC

4SDB-MC-FB-PT



Bracket & Setback

FB, Flush

MS, Self-Gripping + Box Support Clip

MS, Self-Gripping + Box Support Clip

5SDB-MC-FB



5SDB-MC2-MS*



Knockouts

Bottom

3 - 1/2", 2 - 3/4"

3 - 1/2", 2 - 3/4"

2-MKO, 3 - 1/2"

1-MKO

Sides

6-MKO, 4-Loom

3-MKO, 4-Loom

3-MKO, 4-Loom

1-MKO, 8-Loom

Std.

Pkg.

24

24

24

24

BX/MC Clamp



5SDB-MC2-MS* on Metal Stud

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	



WITH METAL CLAD (BX/MC)

4" SQUARE (4S) **DEEP BOXES** WELDED 2-1/8" DEEP 30.3 Cu. In.

CABLE CLAMPS **BX/MC CLAMP**

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



4SDB-MC-B



4SDB-MC-MS-PT*



4SDB-MC-WB



ETAL 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

ADDITIONAL BOXES	
WITH PIGTAIL	

BOXES WITH PIGTAIL

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



Pre-Assembled Ground Screw and Pigtail



 Acceptable for use in 2-hour fire rated walls

Cat.		Knockou	ts	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-FB-PT





4SB-MC-B





4SB-MC-B on Wood Stud



4SB-MC-MS-PT*

Cat.	Mfg.		Cu.	Knoc	kouts	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



D4SB-50/75-PT



4SDB-MKO-PT



D4SB-75-PT



4SB-50/75-PT



DHB3-PT



	Cat.	Knocko	Knockouts			
4-11/16" SQUARE (5S)	No.	Sides	Bottom	Pkg.		
LARGE CAPACITY BOXES	5SLB-MKO	8 - 1/2", 4 - 1/2" & 3/4" M.K.O.	2 - 1/2", 2 - 3/4"	24		
2-1/2" DEEP	5SLB-2MKO	4 - 3/4" & 1" M.K.O., 4 - 1" & 1 - 1/4" M.K.O.	2 - 1/2", 2 - 3/4"	24		

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

PRODUCT FEATURES

Suitable for Datacom & Electrical Applications





5SLB-MKO



5SLB-2MKO



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-200



5SLP-100



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

 Acceptable for use in 2-hour rated walls



EXTRA WIDE OLD-WORK SWITCH BOXES



DEEP TIGER GRIP PRODUCT FEATURES

	Cat.				Std.		
_	No.	Description	Volume	Sides	Ends	Bottom	Pkg.
	TGD-1	3" H x 2" W x 3-1/2" D	18.0 Cu. In.	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50

• 3-1/2" Deep

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





TGD-1

Description

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

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

Cat.

No.

TGW

TGMW

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



Volume

15.0 Cu. In.

18.5 Cu. In.

TGMW



Bottom

2 - 1/2"

2 - 1/2"

Knockouts

Ends

2 - 1/2"

2 - 1/2"

Sides

4 - 1/2"

4 - 1/2"

```
TGMW SHOWN
```

INSTALLATION



TRADITIONAL TIGER GRIP WITH GFCI INSTALLED





Std.

Pkg.

50

50

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



INDUSTRIES' ONLY 5S ADJUSTABLE RINGS

Cat.			With One Exte	nsion Installed	Std.
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











5SAR1G

5SAR2G





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



Exploded View

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



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







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 Exte	nsion Installed	Std.
No.	Description	Standard	+1GX75	+2GX75	Pkg.
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



WBAR on the 6" x 6" NEMA Enclosure



WBAR2G



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

1	ł	-	•

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





4AR1G-58



4AR1G-34



4AR2G-58



4ARR-34



3GAR-34



AP-IN FITTINGS DOUBLE-SNAP & FASTLOCK CONNECTORS

Cat.

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

No.	Description	Size	Pkg.	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

Trade

Std.

Master





STEEL "FASTLOCK"	Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
CONNECTOR	FLC-50	STEEL "FASTLOCK" CONNECTOR Steel AC 14/2 (0.440) to 10/3 ALAC 14/2 (0.475) to 10/3	1/2"	50	500
• Steel • Electroplated Zinc		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"			
 Saddle-Base Connector (FLC-50, FLC-50L, FLC-75L) Combo Head Set-Screw For AC, MCI, RWFMC, ALFMC 	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" Steel RWFMC, AL RWFMC, AL FMC: 1/2"	1/2"	50	500
NOTE • Insulated color may vary	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" 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





FLD-50



CONNECTORS & CONDUIT SUPP NM FITTINGS, CONDUIT LOCKING CONNECTOR & CABLE SUPPORT

For Use With

14/2, 14/3, 12/2

One 12/3, 10/2, 10/3

One or Two 0.3000" or 0.600" cords

ANTI-SHORT BUSHINGS THERMOPLASTIC

PRODUCT FEATURES

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

PVC NON-METALLIC (NM) CABLE CONNECTOR

NM-50	One or Two 14/2, 14/3, 12/2	1/2"	50	500
No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
Cat.				
ASB-75	8/4, 6/2, 4/2, 4/3, 6/4	3/4"	16	320
ASB-50	10/4, 8/2, 8/3, 1/1	1/2"	20	400
ASB-716	12/4, 10/2, 10/3, 2/1	7/16"	35	700
ASB-38	14/4, 12/3, 6/1, 4/1	3/8"	35	2100

Trade Size

5/16"

Std. Pkg.

35

Master Ctn.

3500

PRODUCT FEATURES

Heavy-Duty PVC

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

PRODUCT FEATURES

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

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

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	500



Cat.

No.

Cat.

ASB-516







NMP-50

20

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





Before Installation

After Installation **Prevents Rotation**

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100
	2000000 B		24	

CABLE SUPPORT **PRODUCT FEATURES**

STUD MOUNTING

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



















FEATURED PRODUCTS ELECTRICAL FITTINGS



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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.



"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.



for Handy Box Mounts on flat side of stud.

0

"LB" BRACKET

With spurs, slotted holes for toe-nailing.



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



X

"**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.

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CLAMP SPECIFICATION



KNOCKOUT & PRYOUT SPECIFICATION





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