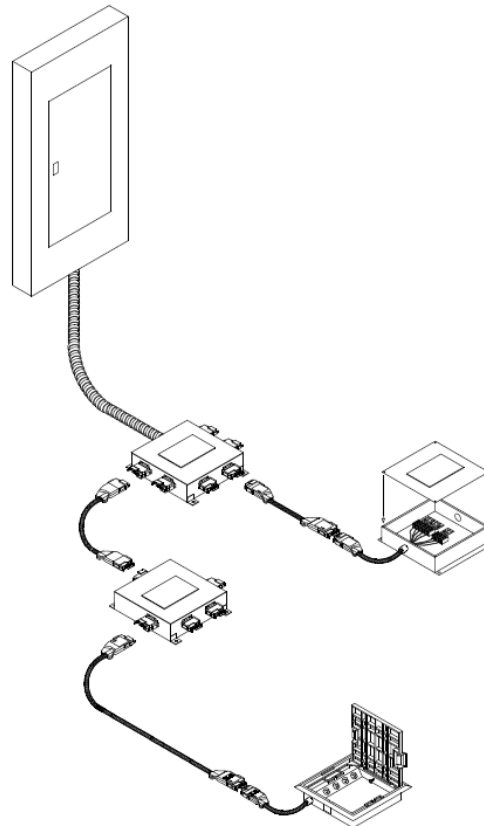


GLOBAL IFS®

Modular Power Distribution System



SYSTEM OVERVIEW

Global IFS Modular Power Distribution (MPD) system provides a flexible, reconfigurable power distribution infrastructure that can support for any furniture layout or space configuration.

In a typical Global IFS modular power application, home-run Metal Clad (MC) cable is connected at the electrical closet and routed to separate zones on the floor, terminating at a Main Distribution Box. Power is then distributed within each zone using extender cables and connectors.

The Main Distribution Box is available with factory installed pre-wired Homeruns with up to 20 current carrying conductors.. A field-wired Zone Distribution Box is also available that can be used with locally supplied MC cable or conduit.

The Secondary Distribution Box can be specified with up to 24 current carrying conductors.

The Whip End Extender Cable consists of a flexible metal cable terminated on one end with a modular connector and on the other with a pigtail. Available in lengths of up to 100', the Whip End Extender Cable can be used as a transition from the Global IFS Modular Power system to a hard-wired junction box.

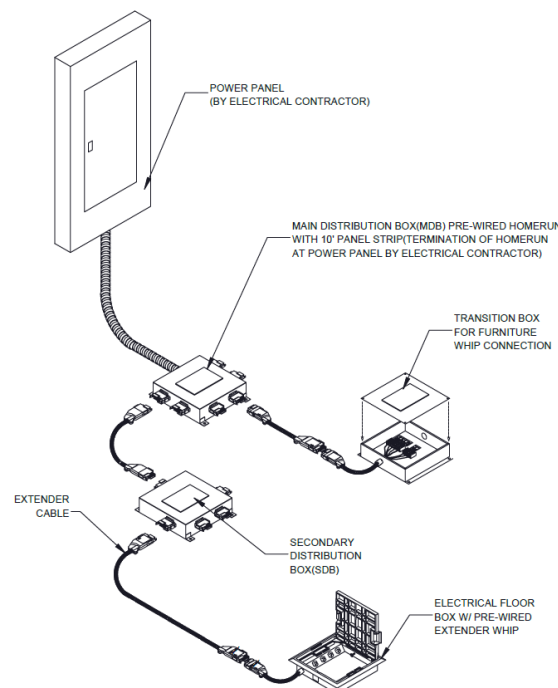
The Global IFS Access Floor Module provides floor-mounted access to power and voice/data. Available in either 4 or 8 receptacle configurations. Access Floor Modules are typically provided with duplex receptacles. Access Floor Modules can move as office locations move and Extender Cables can be easily repositioned. In addition, the Global IFS Modular Power system can be expanded with additional Extender Cables and Access Floor Modules.

Extender Cables are plug-and-play (PnP) cables with certified metallic connectors, factory pre-wired and tested used to carry branch circuit power from the Main Distribution Box to feed Secondary Distribution Boxes, Access Floor Modules, and Furniture Systems' Transition Box. PnP extender cables allow connection of various MPD components without the need for physically terminating electrical wiring on site. Reconfiguration of power can be made quickly and efficiently without disrupting the work environment.

Power is routed and branched within each zone using Extender Cables rated for use in air plenum spaces. Extender Cables can be manufactured with up-to five or ten conductors in single or double connector respectively. Extender Cables are available in lengths up to 50'. The Global IFS MPD System have been designed for easy set up and installation for branch circuit or convenience power in raised floor applications.

The Global IFS MPD System has been designed for easy set up and installation for branch circuit or convenience power in raised floor applications

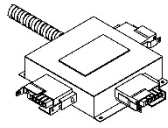
Below Floor Electrical



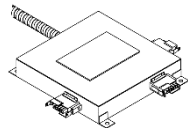
PRODUCT FAMILY

Main Power Distribution Boxes

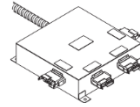
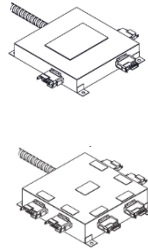
Cable Floor Low Profile
1.5"h x 5"w x 5"l



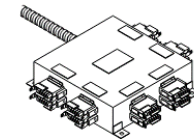
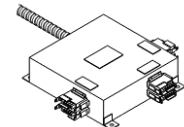
Low Profile
1.5"h x 10"w x 10"l



Single Port
3"h x 10"w x 10"l

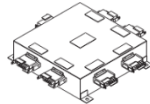
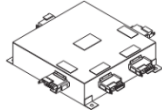
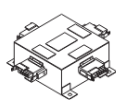


Double Port
3"h x 10"w x 10"l

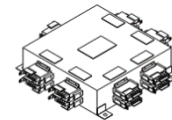
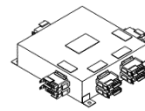
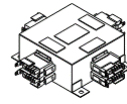


Secondary Power Distribution Boxes

Single Port
3"h x 10"w x 10"l



Double Port
3"h x 10"w x 10"l



Extender Cables

Whip Extender



Single Head Extender



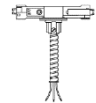
Double Head Extender



Double Port Extender

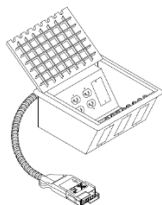


Power T

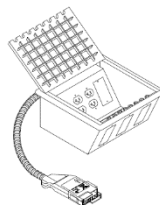


Access Floor Modules

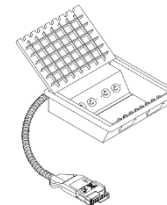
Standard Access Floor Module
4 5/8"h x 10 1/4" x 10 1/4"



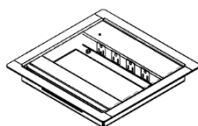
Zero Air Leakage Standard Floor Module
4 5/8"h x 10 1/4" x 10 1/4"



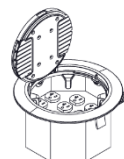
Low Profile Access Floor Module
2 1/2"h x 10 1/4" x 10 1/4"



Cable Floor Access Floor Module
1.5"h x 9.375" x 11.275"

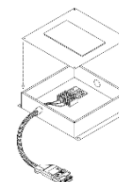


Round Access Floor Module
8" Diameter



Transition Box for Furniture Feed

1.75"h x 6"w x 6"l



MAIN DISTRIBUTION BOX(MDB)

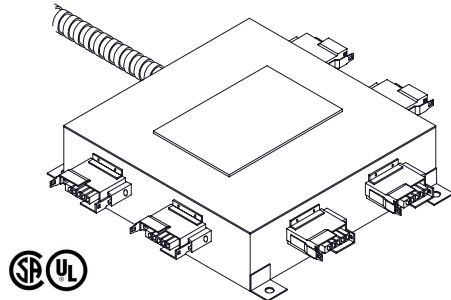
PRODUCT DESCRIPTION

The Main Distribution Box (MDB) is the heart of the Global IFS Cable System Modular Wiring System. It provides power to the Floor Electric Modules and/or Secondary Power Distribution Boxes via Double Port Extender Cables and/or Single Port Extender Cables.

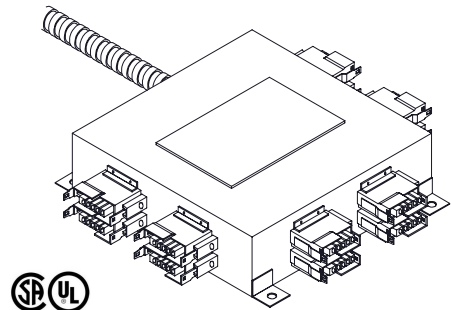
MDBs connectors are rated for use on 20 A branch circuits, and are dead fronted for safety.

The Homerun Cable is pre-wired to the MDB with the length of cable determined by the distance between the designated area to the electrical panel or junction box location. The Homerun Cable is manufactured and listed type Metal Clad Cable and it consists of 90° C insulated, #10 AWG solid copper conductors, #10 AWG solid copper neutral conductors, and #10 AWG solid copper grounding conductors.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.



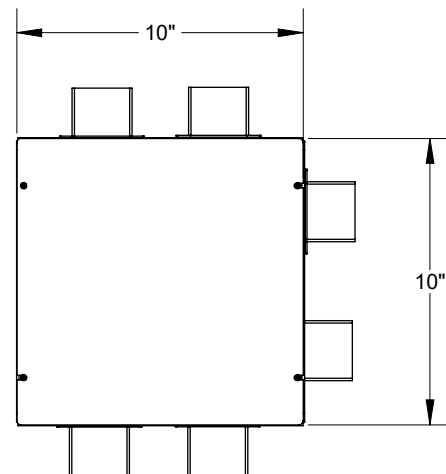
SINGLE PORT CONFIGURATION



DOUBLE PORT CONFIGURATION

FEATURES

- Rated for use on 120V/208V 20 A branch circuits
- Connector housing is zinc plated 0.060 cold rolled steel
- Pin and socket connector design
- To eliminate inter-voltage connection, each connector is keyed and color-coded to meet specific voltage requirements.
- The MDB can be fitted with terminal blocks to receive hard wired homeruns.
- Custom circuitry and port configurations are available
- The Power Distribution Box (MDB) is provided in powder coated black finish.
- The dimension of Power Distribution Box (MDB) is 10" L x 10" W.
- IBEW-assembled, UL listed and labeled
- Meets requirements of NEC® article 604



MDB DIMENSIONS

Project Name and Number:		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Global IFS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF Global IFS IS PROHIBITED.</div>				
Description:						
MAIN DISTRIBUTION BOX(MDB)						
Engineer:		Submission Date :		Dwg Release:	Sheet:	Size: Letter

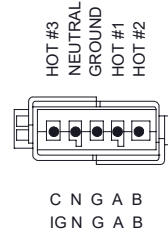


TAG :

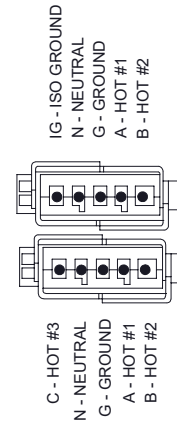
MAIN DISTRIBUTION BOX(MDB) OPTIONS:

1. PORT OPTIONS:

- ☐ Single Port - 5 PINS for maximum number of 3 circuits per port.
- ☐ Double Port -10 PINS for maximum number of 4 circuits per port.



SINGLE PORT
PIN ASSIGNMENTS

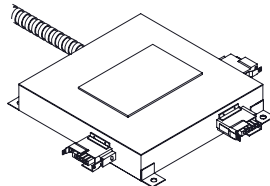


DOUBLE PORT
PIN ASSIGNMENTS

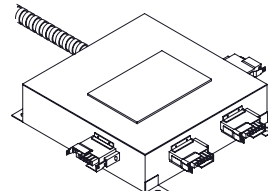
2. NUMBER OF CIRCUITS PER PORT: _____

3. NUMBER OF PORTS:

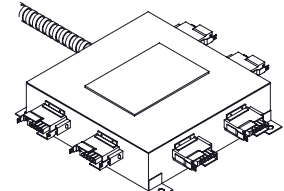
- ☐ 3 Ports.
- ☐ 4 Ports.
- ☐ 6 Ports.



3 PORTS



4 PORTS



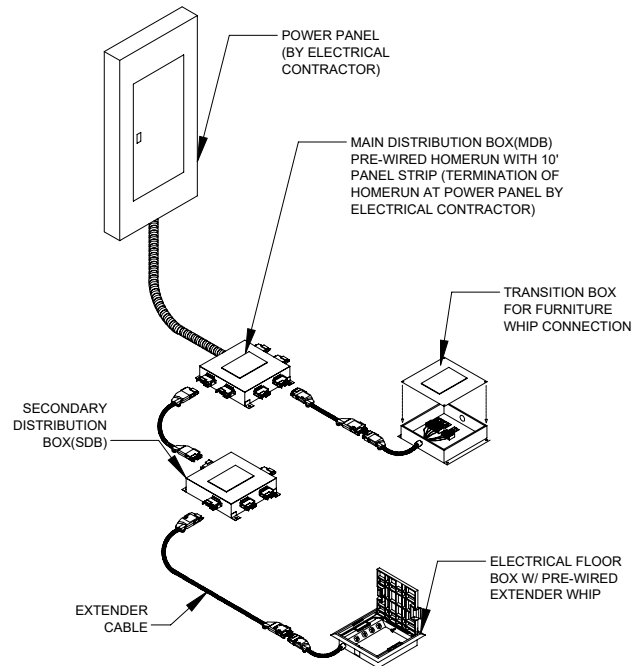
6 PORTS

4. BOX HEIGHT OPTIONS:

- ☐ Low Profile - 1.5" for single port / 1.75" for double port.
- ☐ Standard - 3" for single and double port.

5. LENGTH OF HOMERUNS IN FT. WITH 10 ' PANEL STRIP:

ADDITIONAL COMMENTS :



MODULAR POWER DISTRIBUTION(MPD) SYSTEM VIEW

Project Name and Number:

Description:

MAIN DISTRIBUTION BOX(MDB)

Engineer:

Submission
Date :

PROPRIETARY AND CONFIDENTIAL

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Size:
Letter

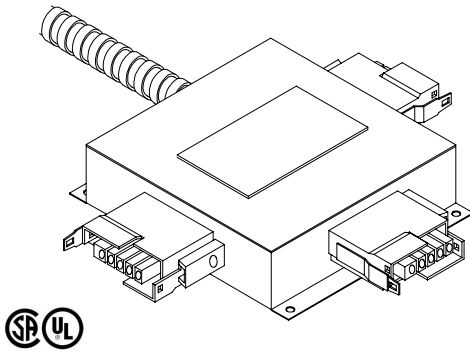
MAIN DISTRIBUTION BOX-CABLE FLOOR (MDB-CF)

PRODUCT DESCRIPTION

The Main Distribution Box-Cable floor(MDB-CF) is the heart of the Global IFS Cable Floor Modular Wiring System. It provides power to the Access Floor Modules via Single and/or Double Port Extender Cables.

The Home Run Cable is pre-wired to the MDB-CF with the length of cable determined by the distance between the designated area to the electrical panel or junction box location. The Homerun Cable is manufactured and listed type Metal Clad Cable and it consists of 90° C insulated, #10 AWG solid copper conductors, #10 AWG solid copper neutral conductors, and #10 AWG solid copper grounding conductors.

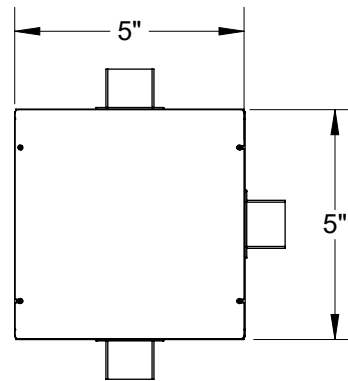
This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.



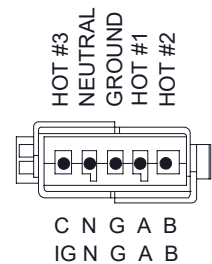
CABLE FLOOR MAIN DISTRIBUTION BOX

FEATURES

- The MDB-CF has three connectors rated for use on 120V/208V 20 A branch circuits, and are dead fronted for safety.
- Connectors are single ported for applications involving up to 5 wire circuitry.
- Connector housing is zinc plated 0.060 cold rolled steel
- Pin and socket connector design
- To eliminate inter-voltage connection, each connector is keyed and color-coded to meet specific voltage requirements.
- The MDB-CF can be fitted with terminal blocks to receive hard wired home runs.
- Custom circuitry and port configurations are available
- The Cable Floor Main Distribution Box (MDB-CF) is provided in powder coated black finish.
- The dimension of Cable Floor Main Distribution Box (MDB-CF) is 5" L x 5" W x 1.5" H.
- IBEW-assembled, UL listed and labeled
- Meets requirements of NEC® article 604



MDB DIMENSIONS



SINGLE PORT
PIN ASSIGNMENTS

OPTIONS:

Number of circuits per port: _____

Length of homerun: _____

Project Name and Number: _____

Description:

MAIN DISTRIBUTION BOX-CABLE FLOOR (MDB-CF)

Engineer: _____

Submission
Date : _____

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Size:
Letter

SECONDARY DISTRIBUTION BOX(SDB)

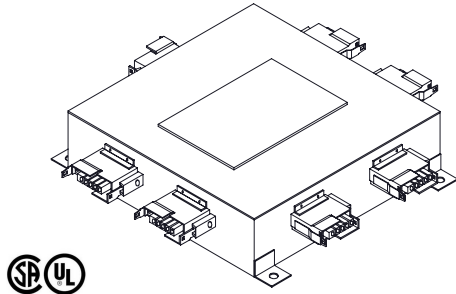
PRODUCT DESCRIPTION

The Secondary Distribution Box (SDB) receives power from Main Power Distribution box via an extender cable and provides a central power distribution to feed normal branch circuits to the electric floor modules through snap on extender cables.

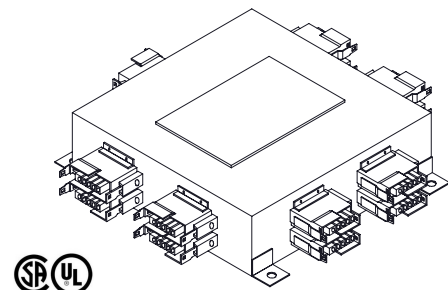
SDB connectors are rated for use on 20 A branch circuits, and are dead fronted for safety. To eliminate inter-voltage connection, each connector is keyed and color-coded to meet specific voltage requirements.

The Secondary Distribution Box (SDB) is provided in powder coated black finish.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.



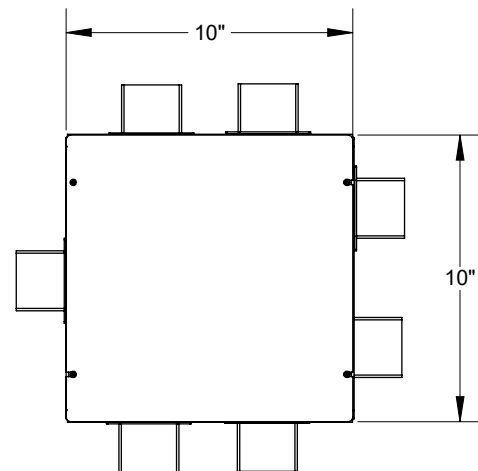
SINGLE PORT CONFIGURATION



DOUBLE PORT CONFIGURATION

FEATURES

- Rated for use on 120V/208V 20 A branch circuits
- Connector housing is zinc plated 0.060 cold rolled steel
- Pin and socket connector design
- The SDB can be fitted with terminal blocks for custom wiring.
- Custom circuitry and port configurations are available
- The Secondary Distribution Box (SDB) is provided in powder coated black finish.
- The dimension of Secondary Distribution Box (SDB) is 10" L x 10" W.
- IBEW-assembled, UL listed and labeled
- Meets requirements of NEC® article 604



MDB DIMENSIONS

Project Name and Number:

Description:

SECONDARY DISTRIBUTION BOX(SDB)

Engineer:

Submission
Date :

PROPRIETARY AND CONFIDENTIAL

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Dwg Release:

Sheet:

Size:
Letter



TAG :

SECONDARY DISTRIBUTION BOX(SDB) OPTIONS:

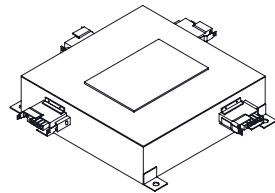
1. PORT OPTIONS:

- ☐ Single Port - 5 PINS for maximum number of 3 circuits per port.
- ☐ Double Port -10 PINS for maximum number of 4 circuits per port.

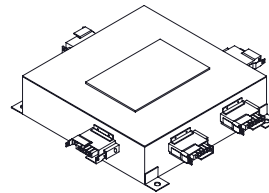
2. NUMBER OF CIRCUITS PER PORT: _____

3. NUMBER OF PORTS:

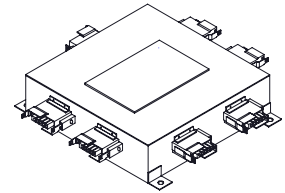
- ☐ 3 Ports.
- ☐ 4 Ports.
- ☐ 6 Ports.



3 PORTS



4 PORTS

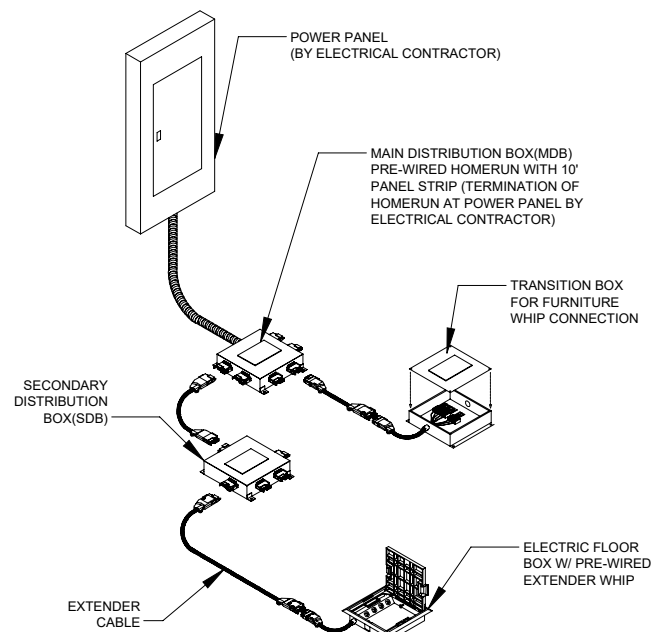
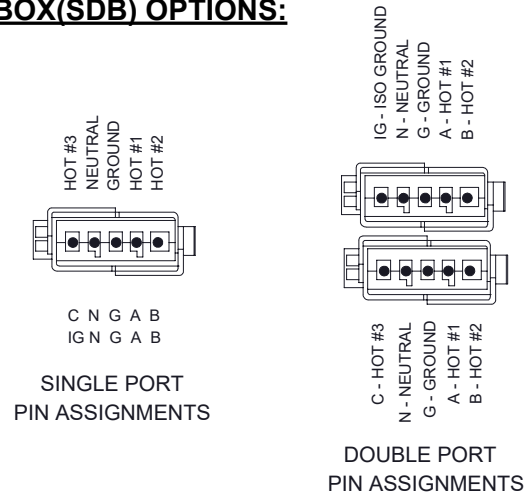


6 PORTS

4. BOX HEIGHT OPTIONS:

- ☐ Low Profile - 1.5" for single port / 1.75" for double port.
- ☐ Standard - 3" for single and double port.

ADDITIONAL COMMENTS :



MODULAR POWER DISTRIBUTION(MPD) SYSTEM VIEW

Project Name and Number:

Description:

SECONDARY DISTRIBUTION BOX(SDB)

Engineer:

Submission
Date :

PROPRIETARY AND CONFIDENTIAL

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Letter

EXTENDER CABLES-(EA)

PRODUCT DESCRIPTION

Extender Cables are plug-and-play (PnP) cables with certified metallic connectors, factory pre-wired and tested used to carry branch circuit power from Main Distribution Box to feed Secondary Distribution Boxes, Access Floor Modules, and Furniture Systems' Transition Box. PnP extender cables allow connecting various MPD components without the need for physically terminating electrical wiring on site. Plug and play configuration enables end user facility teams to reconfigure power with no outside contractors. Reconfiguration of power can be made quickly and efficiently without disrupting the work environment.

The Power ' T ' is designed to deliver branch circuit power to a device or convenience wall outlet.

Flexible conduit with modular connectors connects directly to Modular Distribution Box, Secondary Distribution Box or Access Floor Box. It is manufactured from type MC Cable and it consists of 90° C insulated, #12 AWG solid copper conductors, #10 AWG solid copper neutral conductors, and a #10 AWG solid copper grounding conductors. Connectors have male Pins. All Extender cables are rated for use on 120V/208V 20 A branch circuits, and are dead fronted for safety. To eliminate inter-voltage connection, each cable is keyed and color-coded to meet specific voltage requirements.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.

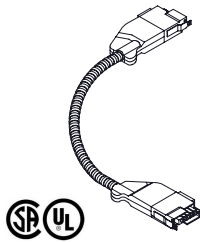
EXTENDER CABLES OPTIONS:

1. CONNECTOR OPTIONS:

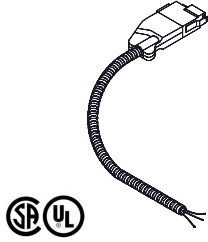
- ☐ Extender Cable.
- ☐ Extender Cable Whip.
- ☐ Double Headed Extender Cable.
- ☐ Double Port Extender Cable.
- ☐ Power T.
- ☐ Power T with Cable.

2. EXTENDER CABLE LENGTH OPTIONS:

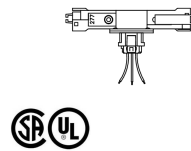
- ☐ 5'
- ☐ 10'
- ☐ 15'
- ☐ 25'
- ☐ 35'
- ☐ 50'



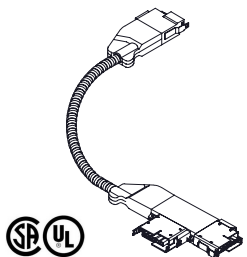
Extender Cable



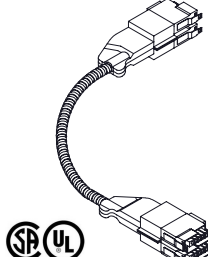
Extender Cable Whip



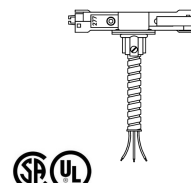
Power T



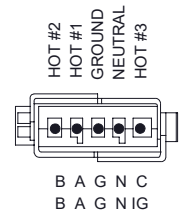
Double Headed
Extender Cable



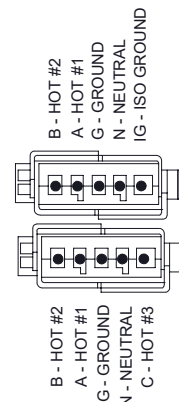
Double Port
Extender Cable



Power T with Cable



Single Port
Pin Assignments



Double Port
Pin Assignments

Project Name and Number:

Description:

EXTENDER CABLES

Engineer:

Submission
Date :

PROPRIETARY AND CONFIDENTIAL

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Sheet:

Size:
Letter

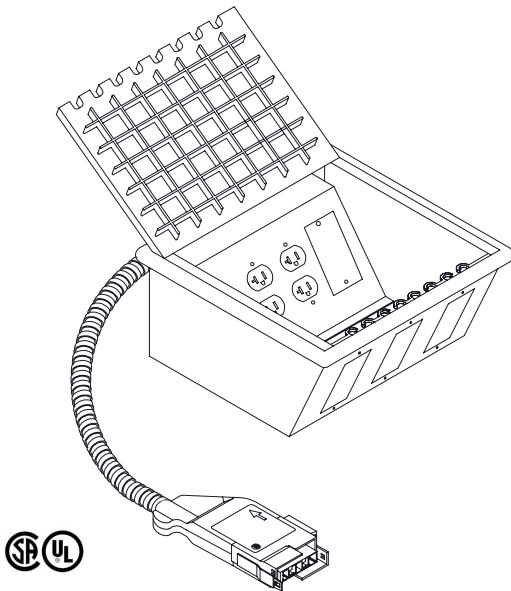
ELECTRICAL FLOOR BOX - STANDARD DEPTH: EBA-ST

PRODUCT DESCRIPTION

The EBA-ST, standard raised floor electrical box provides both power and telecommunications compartment for Raised Floors with a minimum height of 5 inches. The power compartment can accommodate 4 duplex receptacles and, the telecommunications compartment can accommodate up to 3 data plate which can accommodate up to 12 data ports.

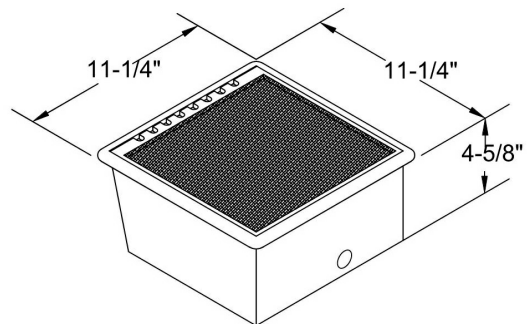
The EBA-ST can be provided with normal and/or isolated ground. EBA-ST is provided with whip end extender cable. Whip end extender cables are manufactured with type MC cable and feature 90°C insulated #12 AWG, solid copper conductors and a #12 AWG solid copper ground. The connectors consist of 5 male pins. Whip ended extender cables are rated for use on 120/208V or 120/240V 60 H 20 A circuits and are factory wired according to specific requirements.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.



FEATURES

- 20 Amp 120/208V or 120/240V 60 Hz.
- Size of the box is 4-5/8 inch height x 10-1/2 inch square
- Rated for 1600 lb load capacity.
- 16 gauge galvanized steel box construction.
- Durable metal/plastic lid and trim ring.
- Hinged lid with recess to accept carpet or vinyl inserts (carpet by others).
- "Indented" finger pull handle.
- Specify 15A or 20A modular receptacles separately.
- Each opening has a knock out to accept a single gang data plate of 2.71" x 1.38" cutout.
- Data plate provided by others.
- Provided in standard black, gray and brown finish.



NOTE : ALL DIMENSION IN INCHES

Project Name and Number:

Description:

ELECTRICAL FLOOR BOX - STANDARD DEPTH, EBA-ST

Engineer:

 Submission
Date :

PROPRIETARY AND CONFIDENTIAL

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ELECTRICAL FLOOR BOX - STANDARD OPTIONS:
EBA-ST

1. POWER PLATE OPTIONS:

- ☐ 1 DUPLEX RECEPTACLE 120V
- ☐ 2 DUPLEX RECEPTACLE 120V *
- ☐ 3 DUPLEX RECEPTACLE 120V
- ☐ 4 DUPLEX RECEPTACLE 120V
- ☐ CUSTOM

2. RECEPTACLE COLOUR:

- ☐ WHITE *
- ☐ CUSTOM

3. CONNECTION:

- ☐ MODULAR CONNECTORS *
- ☐ HARD-WIRED

4. # OF CIRCUITS OPTIONS:

- ☐ 1 CIRCUIT *
- ☐ 2 CIRCUIT
- ☐ 3 CIRCUIT
- ☐ 4 CIRCUIT

5. POWER AMPERE OPTIONS:

- ☐ 15 AMPS
- ☐ 20 AMPS *
- ☐ CUSTOM

6. DATA PLATE CUTOUT OPTIONS:

- ☐ BLANK PLATE
- ☐ 1 DATA CUTOUT
- ☐ 2 DATA CUTOUT *
- ☐ 3 DATA CUTOUT
- ☐ CUSTOM

7. LID MATERIAL OPTIONS:

- ☐ METAL LID
- ☐ POLYMER LID *

8. LID TYPE OPTIONS:

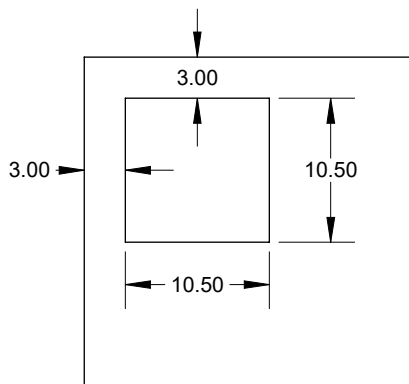
- ☐ FLUSH CARPET LID *
- ☐ FLOOR TILE (FLAT) LID

9. LID COLOR OPTIONS:

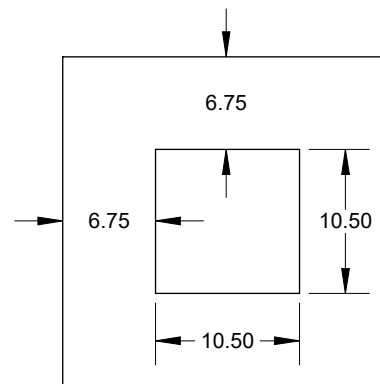
- ☐ BLACK *
- ☐ GRAY
- ☐ BROWN

* SUPPLIED AS STANDARD OPTION

NOTE: MINIMUM 5" FLOOR CLEARANCE HEIGHT REQUIRED



(GIFS CUTOUT CODE: BI)



(GIFS CUTOUT CODE: AI)

ACCESS FLOOR PANEL CUTOUT
(ALL DIM. IN INCHES)

ADDITIONAL COMMENTS:

Project Name and Number:

Description:

ELECTRICAL FLOOR BOX - STANDARD, EBA-ST

Engineer:

Submission
Date :

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ELECTRICAL FLOOR BOX - ZERO LEAKAGE: EBA-ZL

PRODUCT DESCRIPTION

The EBA-ZL, Zero leakage raised floor electrical box provides both power and telecommunications compartment for Raised Floors with a minimum height of 5 inches. The power compartment can accommodate 4 duplex receptacles and, the telecommunications compartment can accommodate up to 3 data plate which can accommodate up to 12 data ports.

A gasket between floor and box, "green seal" lid and brushes around power and network cables makes EBA-ZL air tight with zero leakage allowing HVAC to run at peak efficiency.

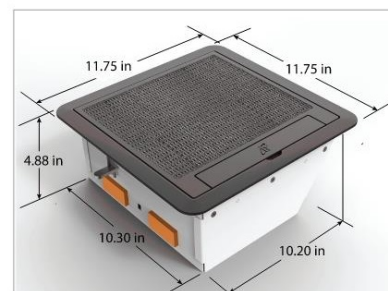
The EBA-ZL can be provided with normal and/or isolated ground. Plug and play Connectors are made with 90 °C insulated #12 AWG, solid copper conductors and a #12 AWG solid copper ground. The connectors consist of 5 male pins and are factory wired according to specific requirements.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.



FEATURES

- Zero leakage air tight construction
- 20 Amp 120/208V or 120/240V 60 Hz.
- Size of the box is 4-7/8 inch height x 11-3/4 inch square
- Rated for 2000 lb load capacity.
- 16 gauge galvanized steel box construction.
- Durable plastic lid and an 3/16" low profile trim ring.
- Hinged lid with recess to accept carpet or vinyl inserts (carpet by others).
- "Indented" finger pull handle.
- Specify 15A or 20A modular receptacles separately.
- Each opening has a knock out to accept a single gang data plate of 2.71" x 1.38" cutout.
- Data plate provided by others.



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ELECTRICAL FLOOR BOX - ZERO LEAKAGE, EBA-ZL						
Engineer:		Submission Date :		Dwg Release:	Sheet:	Size: Letter

TAG :

ELECTRICAL FLOOR BOX - ZERO LEAKAGE OPTIONS:
EBA-ZL

1. POWER PLATE OPTIONS:

- ☐ 1 DUPLEX RECEPTACLE 120V
- ☐ 2 DUPLEX RECEPTACLE 120V *
- ☐ 3 DUPLEX RECEPTACLE 120V
- ☐ 4 DUPLEX RECEPTACLE 120V
- ☐ CUSTOM

2. RECEPTACLE COLOUR:

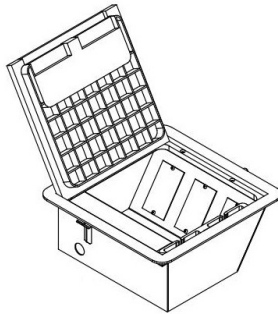
- ☐ WHITE *
- ☐ CUSTOM

3. CONNECTION:

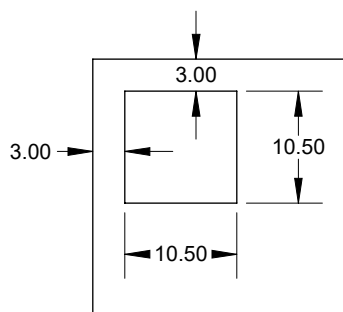
- ☐ MODULAR CONNECTORS *
- ☐ HARD-WIRED

4. # OF CIRCUITS OPTIONS:

- ☐ 1 CIRCUIT *
- ☐ 2 CIRCUIT
- ☐ 3 CIRCUIT
- ☐ 4 CIRCUIT



NOTE: MINIMUM 5" FLOOR CLEARANCE HEIGHT REQUIRED



(GIFS CUTOUT CODE: BI)

ACCESS FLOOR PANEL CUTOUT
(ALL DIM. IN INCHES)

5. DATA PLATE CUTOUT OPTIONS:

- ☐ BLANK PLATE
- ☐ 1 DATA CUTOUT
- ☐ 2 DATA CUTOUT *
- ☐ 3 DATA CUTOUT
- ☐ CUSTOM

6. POWER AMPERE OPTIONS:

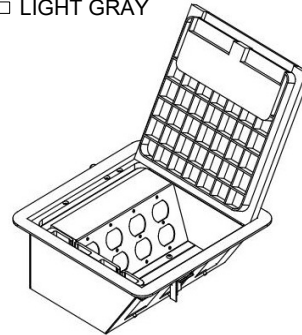
- ☐ 15 AMPS
- ☐ 20 AMPS *
- ☐ CUSTOM

7. LID TYPE OPTIONS:

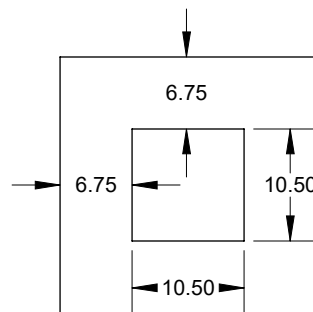
- ☐ FLUSH CARPET LID *
- ☐ FLOOR TILE (FLAT) LID

8. LID COLOR OPTIONS:

- ☐ BLACK *
- ☐ BROWN
- ☐ LIGHT GRAY



* SUPPLIED AS STANDARD OPTION



(GIFS CUTOUT CODE: AI)

ADDITIONAL COMMENTS:

Project Name and Number:

Description:

ELECTRICAL FLOOR BOX - ZERO LEAKAGE, EBA-ZL

Engineer:

Submission
Date :

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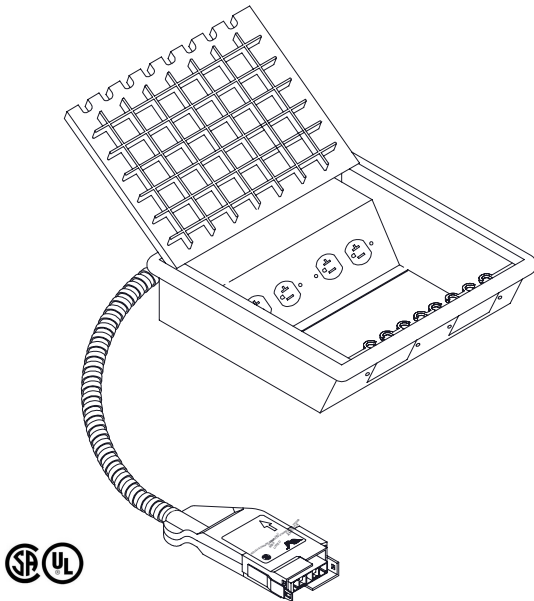
ELECTRICAL FLOOR BOX - LOW PROFILE: EBA-LP

PRODUCT DESCRIPTION

The EBA-LP, low profile raised floor electrical box provides both power and telecommunications compartment for Raised Floors with a minimum height of 3 inches. The power compartment can accommodate 2 duplex receptacles and, the telecommunications compartment can accommodate up to 2 data plate which can accommodate up to 8 data ports.

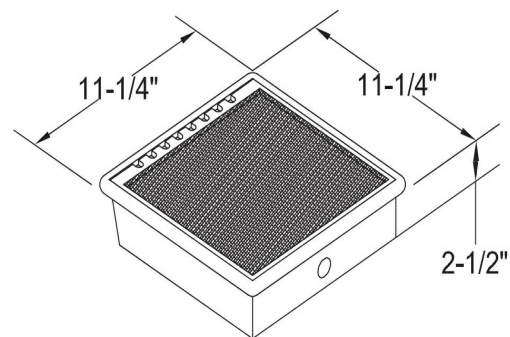
The EBA-LP can be provided with normal and/or isolated ground. EBA-LP is provided with whip end extender cable. Whip end extender cables are manufactured with type MC cable and feature 90°C insulated #12 AWG, solid copper conductors and a #12 AWG solid copper ground. The connectors consist of 5 male pins. Whip ended extender cables are rated for use on 120/208V or 120/240V 60 H 20 A circuits and are factory wired according to specific requirements.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.



FEATURES

- 20 Amp 120/208V or 120/240V 60 Hz.
- Size of the box is 2-1/2 inch height x 10-1/2 inch square
- Rated for 1600 lb load capacity.
- 16 gauge galvanized steel box construction.
- Durable metal/plastic lid and an 1/8 " low profile trim ring.
- Hinged lid with recess to accept carpet or vinyl inserts (carpet by others).
- "Indented" finger pull handle.
- Specify 15A or 20A modular receptacles separately.
- Each opening has a knock out to accept a single gang data plate of 2.71" x 1.38" cutout.
- Data plate provided by others.
- Provided in standard black, gray and brown finish.



* ALL DIMENSION IN INCHES

Project Name and Number:

Description:

ELECTRICAL FLOOR BOX - LOW PROFILE, EBA-LP

Engineer:

 Submission
Date :

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ELECTRICAL FLOOR BOX - LOW PROFILE OPTIONS:
EBA-LP

1. POWER PLATE OPTIONS:

- ☐ 1 DUPLEX RECEPTACLE 120V
- ☐ 2 DUPLEX RECEPTACLE 120V *
- ☐ CUSTOM

2. RECEPTACLE COLOUR:

- ☐ WHITE *
- ☐ CUSTOM

3. CONNECTION:

- ☐ MODULAR CONNECTORS *
- ☐ HARD-WIRED

4. # OF CIRCUITS OPTIONS:

- ☐ 1 CIRCUIT *
- ☐ 2 CIRCUIT
- ☐ 3 CIRCUIT
- ☐ 4 CIRCUIT

5. POWER AMPERE OPTIONS:

- ☐ 15 AMPS
- ☐ 20 AMPS *
- ☐ CUSTOM

6. DATA PLATE CUTOUT OPTIONS:

- ☐ BLANK PLATE
- ☐ 1 DATA CUTOUT
- ☐ 2 DATA CUTOUT *
- ☐ CUSTOM

7. LID MATERIAL OPTIONS:

- ☐ METAL LID
- ☐ POLYMER LID *

8. LID TYPE OPTIONS:

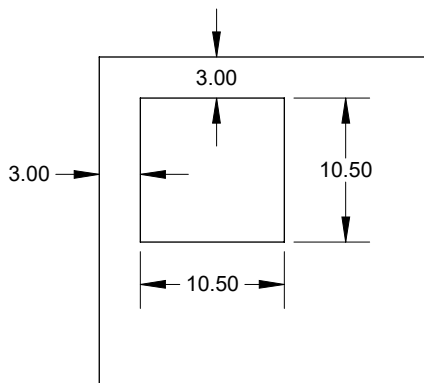
- ☐ FLUSH CARPET LID *
- ☐ FLOOR TILE (FLAT) LID

9. LID COLOR OPTIONS:

- ☐ BLACK *
- ☐ GRAY
- ☐ BROWN

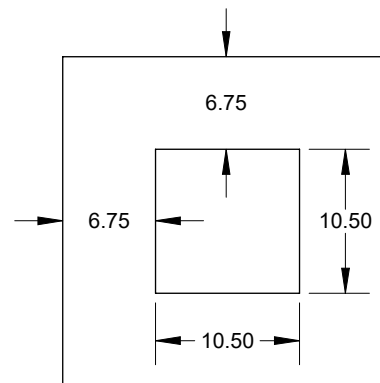
* SUPPLIED AS STANDARD OPTION

NOTE: MINIMUM 3" FLOOR CLEARANCE HEIGHT REQUIRED



(GIFS CUTOUT CODE: BI)

ACCESS FLOOR PANEL CUTOUT
(ALL DIM. IN INCHES)



(GIFS CUTOUT CODE: AI)

ADDITIONAL COMMENTS:

Project Name and Number:

Description:

ELECTRICAL FLOOR BOX - LOW PROFILE, EBA-LP

Engineer:

Submission
Date :

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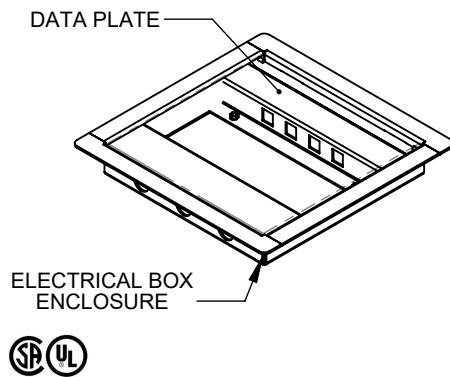
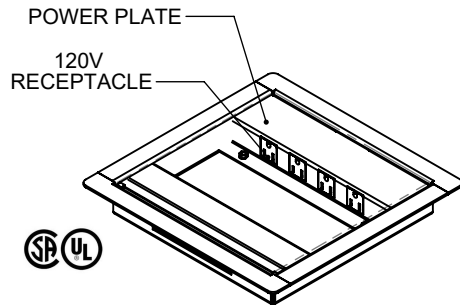
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Size:
Letter



CABLE FLOOR ELECTRICAL BOX - 10" x 10":
EB-CF-10

PRODUCT DESCRIPTION



The EB-CF-10, cable floor electrical box provides both power and telecommunications for cable floors with a minimum height of 1.6 inch finished floor height. The power compartment accommodates 4 receptacles and, the telecommunications compartment can accommodate up to 4 data ports (data ports not provided).

The EB-CF-10, cable floor electrical box can be provided normal and/or isolated ground. EB-CF-10 is provided with whip end extender cable.

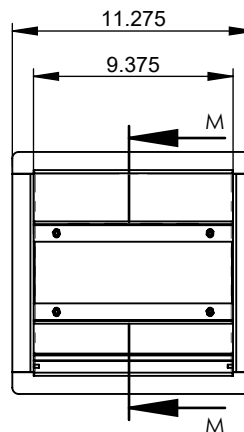
Whip end extender cables are manufactured with MC cable and feature 90°C insulated #12 AWG, solid copper conductors and a #12 AWG solid copper ground.

Whip ended extender cables are rated for use on 20 A circuits and, are keyed and color coded according to specific voltage requirements. EB-CF-10 is pre wired for single circuit.

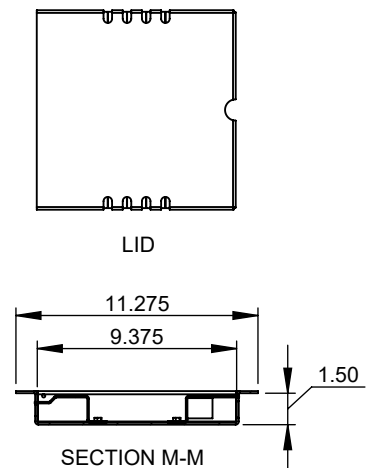
This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.

FEATURES

- 20 Amp 120/208V or 120/240V 60 Hz.
- Size of the box is 9.4 inch square x 1.5 inch high.
- Rated for 1250 lbs concentrated load capacity.
- Durable metal lid and body.
- 14 gauge galvanized steel box construction for higher strength and durability.
- The lid is flush with the floor.
- Data plate has a 4 x 0.63" square cutout out to accept 4 x data ports.
- Data port provided by others.
- Provided in standard black finish.



ADDITIONAL COMMENTS:



NOTE : LID REMOVED FOR INSIDE CLARITY
ALL DIMENSION IN INCHES

Project Name and Number :

Description:

CABLE FLOOR ELECTRICAL BOX, EB-CF- 10

Engineer:

Submission
Date :

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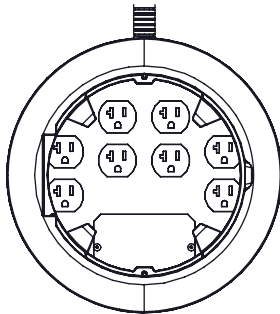
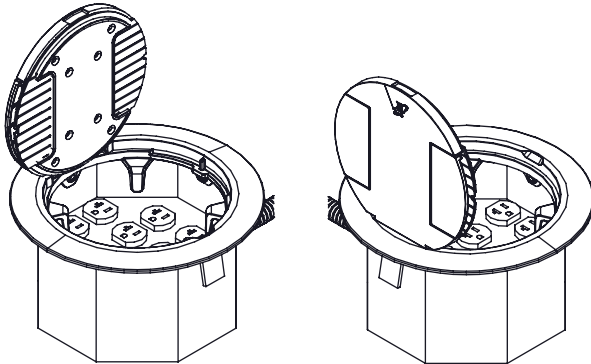
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ROUND ELECTRICAL FLOOR BOX - A REB-A

PRODUCT DESCRIPTION



NOTE : LID REMOVED FOR INSIDE CLARITY
ALL DIMENSION IN INCHES

The REB-A, round electrical raised floor box provides both power and telecommunications compartment for access floors with a minimum height of 5 inch finished floor height. The power compartment can accommodate a maximum of 4 duplex receptacles, and the telecommunications compartment can accommodate 1 voice/data plate (data ports are not provided).

The REB-A can be provided with normal and/or isolated ground. REB-A is provided with a whip end extender cable.

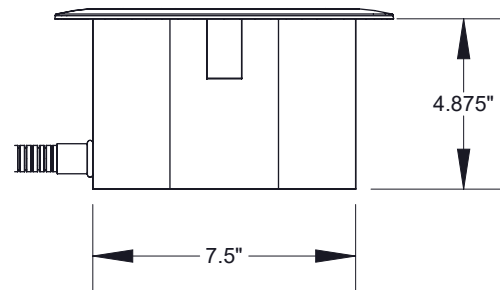
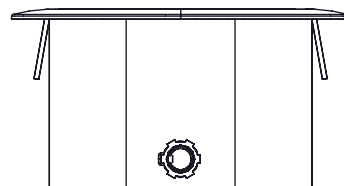
Whip end extender cables are manufactured with MC cable and feature 90°C insulated #12 AWG, solid copper conductors and a #12 AWG solid copper ground.

Whip end extender cables are rated for use on 20 A circuits and are factory wired according to specific requirements.

This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.

FEATURES

- 20 Amp 120/208V or 120/240V 60 Hz.
- Size of the box is 7.5" inside width octagon x 4.875" deep.
- Polymer lid is rated for 1500 lbs concentrated load capacity.
- Metal lid is rated for 3000 lbs concentrated load capacity.
- The lid is flush with the floor
- Durable steel box construction.
- Access for voice/data cable with grommet.
- Mounting clips for firmly securing the boxes to floor tile.
- Cable management hooks for easy cable management.



Project Name and Number:

Description:

ROUND ELECTRICAL FLOOR BOX A, REB-A

Engineer:

 Submission
Date :

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ROUND ELECTRICAL FLOOR BOX - A REB-A

1. CONNECTOR TYPE OPTIONS:

- ☐ 5 PIN *
☐ NO CONNECTOR

2. # OF CIRCUITS OPTIONS:

- ☐ 1 CIRCUIT *
☐ 2 CIRCUIT
☐ HARD-WIRED

3. # OF FEEDING WIRES:

- ☐ 3 WIRES *
☐ 5 WIRES
☐ HARD-WIRED

4. POWER PLATE OPTIONS:

- ☐ 1 DUPLEX RECEPTACLE 120V
☐ 2 DUPLEX RECEPTACLE 120V *
☐ 3 DUPLEX RECEPTACLE 120V
☐ 4 DUPLEX RECEPTACLE 120V
☐ CUSTOM

5. RECEPTACLE COLOR:

- ☐ WHITE *
☐ CUSTOM

6. DATA PLATE OPTIONS:

- ☐ BLANK PLATE *
☐ SINGLE DATA PLATE

7. LID OPTIONS:

- ☐ POLYCARBONATE LID *
☐ METAL LID

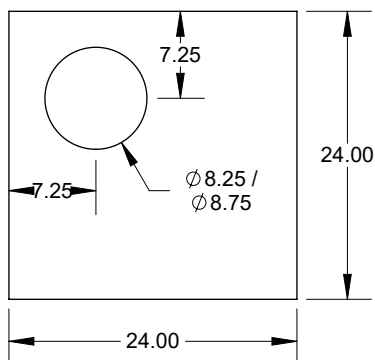
8. LID COLOR OPTIONS:

- ☐ BLACK LID *
☐ OTHERS (PAINTED) _____

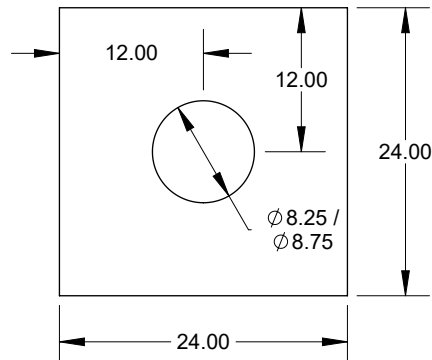
* SUPPLIED AS STANDARD OPTION

NOTE: MINIMUM 5" FLOOR CLEARANCE REQUIRED

Global IFS Cutout Code B3 (8.5" quadrant cutout)



Global IFS Cutout Code A3 (8.5" Center cutout)



ACCESS FLOOR PANEL CUTOUT
(ALL DIM. IN INCHES)

ADDITIONAL COMMENTS:

Project Name and Number:

Description:

ROUND ELECTRICAL FLOOR BOX - A, REB-A

Engineer:

 Submission
Date :

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TRANSITION BOX FOR FURNITURE FEED(TB)

PRODUCT DESCRIPTION

The Transition Box(TB) for furniture feed is pre-wired with Whip End Extender Cables fed from a Main Power Distribution box via Extender Cable. All Transition boxes receive a terminal strip and are labeled for contractor friendly installation. A knockout is provided for field wiring of manufactures' furniture systems electrical connections.

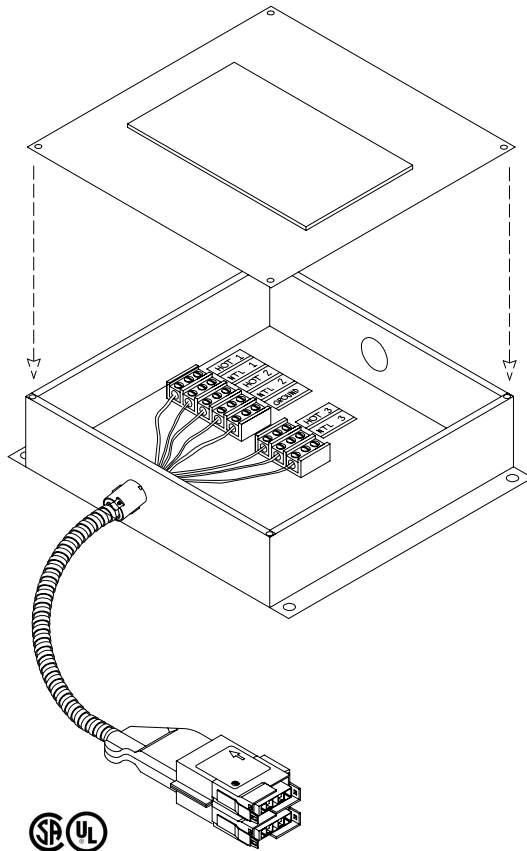
Whip End Extender cables are manufactured with Type MC Cable and feature 90°C insulated #12 AWG, solid copper conductors and a #12 AWG solid copper ground.

Whip End Extender Cables are rated for use on 120V/208V 20 A branch circuits, and are keyed and color-coded to meet specific voltage requirements. TBs connectors are dead fronted for safety.

The Transition Box (TB) is 6" L x 6 " W x 1.75" H.

The Transition Box (TB) is provided in powder coated black finish.

This product is manufactured by American Cable Systems, New Bedford, MA to meet the specifications and requirements of Global IFS. This product is suitable for use in Environmental Air Handling spaces (air plenums) in accordance with NEC Article 300.22(C). UL listed manufactured wiring system per UL 183 and CSA standard C22.2 No 203-M.

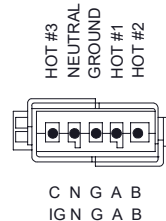


TRANSITION BOX(TB) OPTIONS:

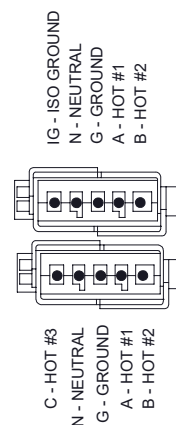
1. NUMBER OF CIRCUITS: _____

2. CIRCUIT CONFIGURATION:

- ☐ 3-3-2
☐ 4-2-2
☐ CUSTOM: _____



SINGLE PORT
PIN ASSIGNMENTS



DOUBLE PORT
PIN ASSIGNMENTS

Project Name and Number:

Description:

TRANSITION BOX(TB) FOR FURNITURE FEED

Engineer:

Submission
Date :

PROPRIETARY AND CONFIDENTIAL

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