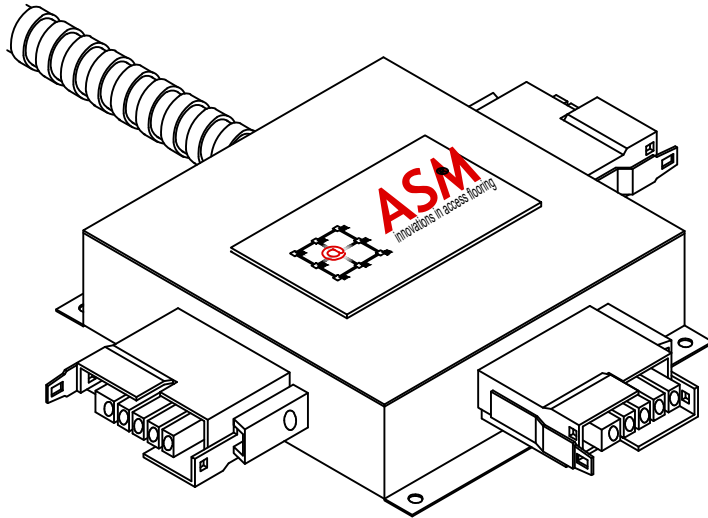


**ASM**<sup>®</sup>  
innovations in access flooring

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POWER TRAYS

## 3-Port Main Distribution Box

Q2C Modular Cable System



### DB3-nn 3-PORT MAIN DISTRIBUTION BOX

#### Description

The DB3-nn Main Distribution Box (MDB) is the heart of the ASM Modular Cable System. It provides power to the ASM Low-Profile Modular Floor Box via Single and/or Double Port Extender Cables. Main Distribution Box connectors are rated for use on 20 ampere 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 Home Run 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 Home Run 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. The Main Distribution Box dimensions are 5" L x 5" W x 1.5" H.

#### Standard Configuration:

- ASM's Main Distribution Box (MDB) provides wiring for three (3) separate 20A Circuits
- Each Circuit has (1) dedicated "Hot" wire and (1) dedicated "Neutral" wire
- The "Ground" wire is shared between the (3) circuits
- The Home Run Cable for connection to power source has (7) wires total:
  - (3) Hot Wires (#10 AWG solid copper conductors)
  - (3) Neutral Wires (#10 AWG solid copper conductors)
  - (1) Common Ground Wire (#10 AWG solid copper conductor)
- The designation "nn" shown in this detail for "DB3-nn" designates the length of armored Metal Clad Home Run Cable provided with the MDB. The Home Run cable will include an additional 10'-0" of unarmored wiring for connection to power source.



NOTE : IBEW-assembled. UL-Listed and Labeled

NOTE: Cut sheet drawing and information are subject to change without prior notice.

5/23

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