

MDB5 SERIES 5 WAY POWER DISTRIBUTION FUSE HOLDER

400A • 5 Cavities • Sealed



Description

Sealed high current power distribution box using MIDI® and MEGA® type fuses. Designed to handle standard voltage (32V) and the new 70V (48V application) MIDI® and MEGA® fuses. Built for rugged environments, the MDB5 not only provides IP67/69K fuse sealing, but also seals all input and output connections.

Features and Benefits

- Sealed high current distribution all connections are inside the seals
- Clean and protected distribution of high current power (vs individual holders)
- Versions for both 12/24V vehicles and 36/48V vehicles
- High continuous current capacity 400A
- Poke-Yoke mounting pattern for easier assembly

Ordering Information

| PART NUMBER | DESCRIPTION |
|-------------|-----------------------------|
| 07985001ZXS | MDB 5 Way 32VDC |
| 07985002ZXS | MDB 5 Way 70VDC |
| 07985003ZXS | MDB 5 Way 32VDC W/ Seal Kit |
| 07985004ZXS | MDB 5 Way 70VDC W/ Seal Kit |

* AM Package contains the 890010830 Seal Kit

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/MDB5

Specifications Overview

| | |
|------------------------------|--|
| Amperage: | 400A Max with two 50mm ² Inputs 200A Max with one 50mm ² Input |
| Fuse Rating Range: | 30A - 500A |
| Box Dimensions: | 173 (L) x 154 (W) x 50 (H) |
| Voltage Rating: | 70V |
| Connections: | M5 – 32V MIDI® Fuses M6 – 70V MIDI® Fuses M8 – 32V & 70V MEGA® Fuses M8 Input |
| Fuse Capacity: | 3 MIDI® & 2 MEGA® |
| Fuse Terminal Torque: | MEGA®: 32V 15±3Nm 70V 20±1Nm MIDI®: 32V 6±1 Nm 70V 9±1Nm |
| Ingress Protection: | IP67 & IP69K with seals installed |
| Housing: | UL94, V0 |
| Mounting Bolt: | M6 (9±1Nm) |
| Temperature Range | -40°C TO 105°C |
| Wire Sizes: | MEGA®: 2 positions 16mm ² , 25mm ² , 35mm ² MIDI®: 3 positions 6-10mm ² , 10-16mm ² Input: 50mm ² |

Applications

- Material Handling
- Construction Vehicles
- Agricultural Vehicles
- Heavy Duty/Medium Duty Truck
- Truck Upfitters

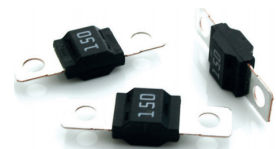
Related Products



MDB Series
200A • 2 or 3 Outputs • Sealed



LTX Series
240A • 4 MEGA® • 2 MIDI®



MEGA® and MIDI® Fuses
32V • 70V

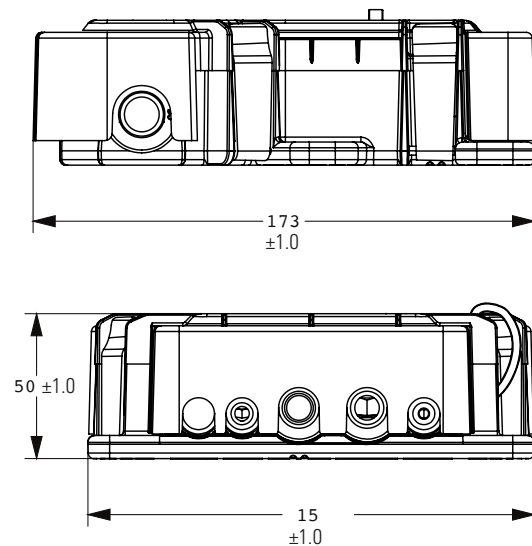
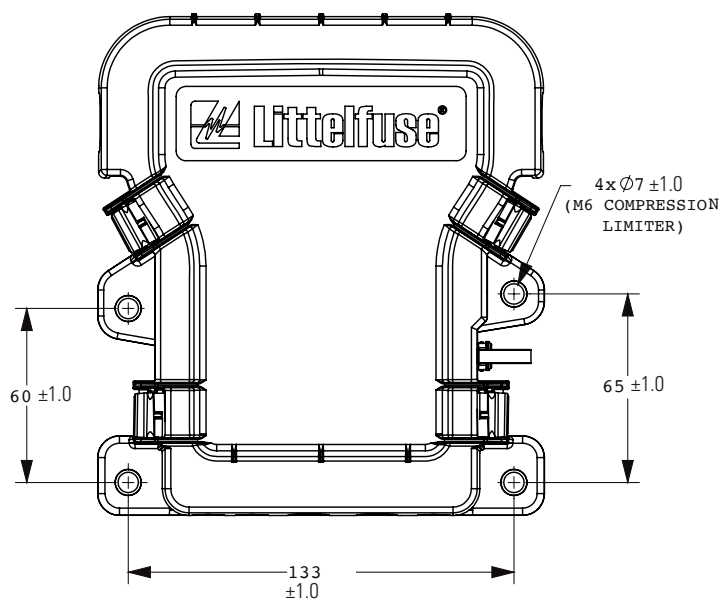
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Cable Seal Options for Openings

| LOCATION | PART NAME | PART NUMBER | CABLE SIZE ISO 6722 | QTY IN AM PACKAGING CABLE SEAL KIT (890010830) |
|----------------------------|------------------------------------|---------------------|------------------------|---|
| INPUT CABLE SEAL | #50 Cable Seals | 868-958 | 50mm ² | 2 |
| INPUT 1 & 2 | Blank 26.5 OD Cable Seal | 901-532 | NONE | 1 |
| LARGE OUTPUT CABLE SEAL | #16/2 Cable Seal | 868-955 | 16mm ² | 0 |
| | #25 Cable Seals | 868-956 | 25mm ² | 0 |
| | OUTPUT 3 & 4 | #35 Cable Seals | 35mm ² | 2 |
| | | Blank 2 Seals | 868-954 | NONE |
| SMALL OUTPUT CABLE SEAL | Cable Seal 10-16mm ² | 0HBFA001SEALB | 10-16mm ² | 3 |
| | Cable Seal 6-10mm ² | 0HBFA001SEALY | 6-10mm ² | 0 |
| | OUTPUT 1,2,5 | Cable Seal Blind | 0HBFA001SEALC | NONE |

Dimensions in millimeters



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