

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, VO
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



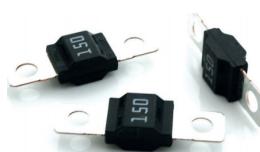
MDB Series
200A • 2 or 3 Outputs • Sealed



LTX Series
240A • 4 MEGA® • 2 MIDI®



MEGA® and MIDI® Fuses
32V • 70V



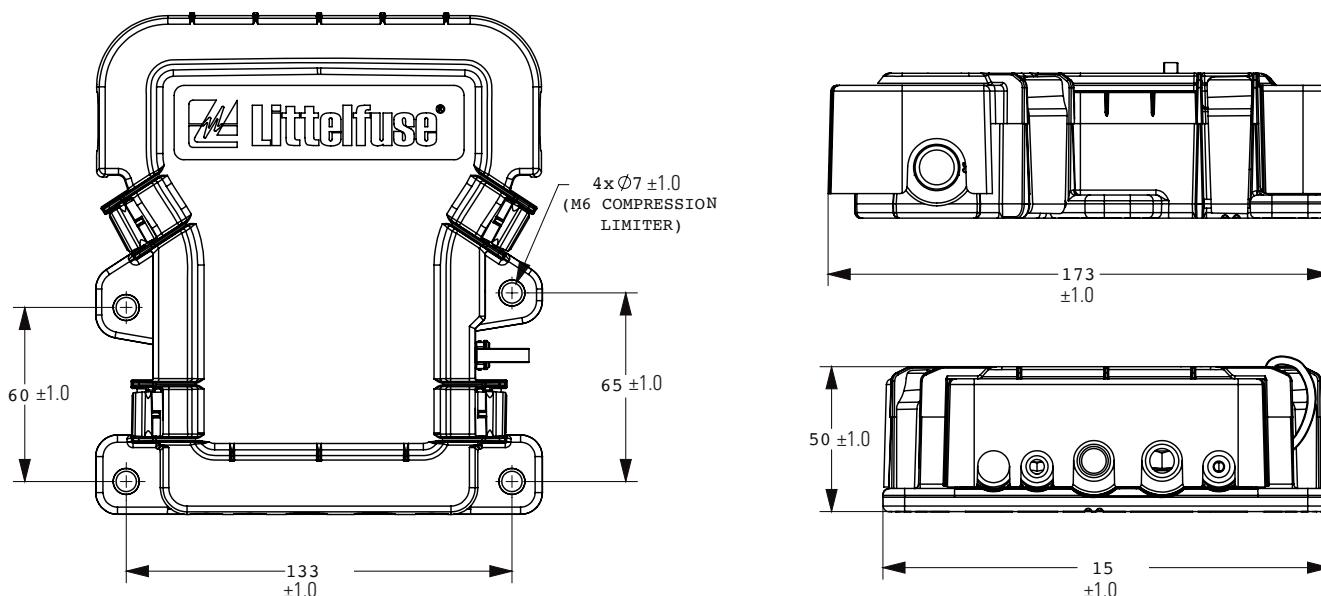
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Cable Seal Options for Openings

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
	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	868-957	35mm ²	2
	Blank 2 Seals	868-954	NONE	1
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	2

Dimensions in millimeters



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