MDB5 SERIES
MEGA® & MIDI® FUSE POWER DISTRIBUTION BOX



07985003ZXS



07985004ZXS

Specifications

Max Voltage Rating Continuous:	24VDC
Max Voltage Rating	32-70VDC
Max Total Continuous Current:	400A Max total with two 50mm² Inputs 200A Max total with one 50mm² Input
Operating Temp Range:	-40C to +105°C
Ingress Protection:	IP67 / IPX9K
Mounting Method:	Stud & Nut
Mounting Hole:	M6
Housing:	Thermoplastic

Description

For high-powered commercial vehicle applications, where individual fuse holders may be inefficient or leave the fuse connections exposed to the elements, a sealed, multi-fuse holder like the MDB5 Series MEGA® & MIDI® Fuse Power Distribution Box may be a better, more cost-effective choice.

This 5-way power distribution box is designed with a sealed enclosure that protects the fuse connections from the corrosive conditions typically found in the battery box or under the hood. In addition, cable seals or plugs can be added to achieve IP67 and IP69K ratings, ultimately turning the fuse holder into a dust-tight and waterproof fuse box for use in the harshest environments.

With dual, configurable inputs, the MDB5 Series power distribution box enables flexibility between high- and low-current applications and up to 400A continuous current. To meet the requirements of both standard voltage vehicles and 48V+ applications, the MDB5 Series is available in configurations that accept 32V or 70V MEGA® and MIDI® bolt-down fuses.

Web Resources

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

Applications

- Material Handling
- Construction
- Agriculture
- Heavy-Duty/Medium-Duty Trucks
- Truck Upfitters

Features and Benefits

- 5-way fuse holder accepts 2 MEGA® and 3 MIDI® bolt-down fuses rated between 30A and 500A (fuses sold separately)
- Dual, configurable inputs allow for up to 400A continuous current and for flexibility between high- and low-current applications
- Models are available for both standard voltage (32V fuses) and 48V+ applications (70V fuses)
- Sealed enclosure protects all of the fuse connections, enabling circuit protection installation in corrosive environments, such as the battery box or under the hood
- IP67/IP69K waterproof, dust-tight rating can be achieved with the use of cable seals or plugs
- Poke-Yoke mounting pattern for easy assembly

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Ordering Information

PART NUMBER	DESCRIPTION	VOLTAGE RATING - CONTINUOUS (VOLT)	VOLTAGE RATING - MAX (VOLT)	FUSE TYPE	INPUT TERMINAL
07985003ZXS	32V Power Distribution Box with Cable Seal Kit	32V	32V	MEGA® & MIDI®	M8 Studs
07985004ZXS	70V Power Distribution Box with Cable Seal Kit	70V	70V	MEGA® & MIDI®	M8 Studs
0HBFA001SEALC	Small Output Cable Seal - Blind				
868-952	10 mm2 Output Cable Seal				
868-954	Blank 2 Output Cable Seal				
868-955	#16/2 Output Cable Seal				
868-956	#25 Output Cable Seal				
868-957	#35 Output Cable Seal				
868-958	#50 Input Cable Seal				

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