

## 2 X MEGA & 3 X MIDI DISTRIBUTION BLOCK 70V



**NEW**

**IP69K**

The MDB5 is a sealed high current primary fuse box that can be placed in the battery box or under hood as the first line of circuit protection and power distribution for a vehicle. It can fit 2 x MEGA and 3 x MIDI fuses. Input power can be connected using one or two input cables depending on continuous current requirement. When fitted with included seals it is IP67/69K rated providing high protection in harsh environments. Yellow tool-less latches secure the cover which acts as secondary lock to hold in cable seals even when wires are arranged for routing.

### Features

- Sealed primary fusing that can be placed close to the battery in a harsh environment.
- Capability to handle fuse ratings from 23-500A and voltages up to 70V.
- Full range of fuses for applications from 12V-48V+.
- User choice of either unsealed or IP67/69K rating when fitted with included seals.
- Poke-Yoke mounting pattern for easier assembly.

Part Number	Fuse Block Description
07985003ZXS	5 Pole Fuse Block with Cover & Seal, Busbar, Nuts, Washers and Cable Seal Kit (as detailed below).

**Voltage:** 70VDC.

**Continuous Current:** 400A with two inputs or 200A with one input.

**Terminal Stud Size:** 3 x M5 (Midi fuse) / 2 x M8 (Mega fuse).

**Input Stud Size:** 2 x M8

**Input Wire Size:** 50mm<sup>2</sup>.

**Output Wire Sizes Mega:** 2 positions : 16mm<sup>2</sup>, 25mm<sup>2</sup>, 35mm<sup>2</sup>

**Output Wire Sizes Midi:** 3 positions : 6-10mm<sup>2</sup>, 10-16mm<sup>2</sup>

**Hardware:** S/S nuts & spring washers included.

**Fuse Terminal Torque Mega:** 32V 15 ± 3Nm, 70V 20 ± 1Nm

**Fuse Terminal Torque Midi:** 32V 6 ± 1Nm, 70V 9 ± 1Nm

**Flammability Rating:** UL94-V0

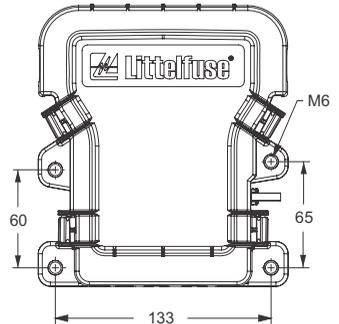
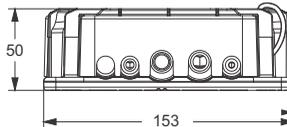
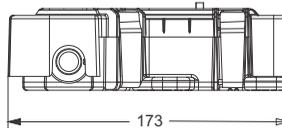
**Cable Seals & Cavity Plugs Assortment:** Included.

**Ingress Protection Rating:** IP69K with seals installed.

Seals / plugs must be installed to achieve IP66 rating. Please ensure seal flange is completely pressed through the hole to ensure a good seal on the inside of the block as shown in the image.

**Temperature Rating:** -40 °C to +105 °C

**Notes:** A cavity plug is required for each opening that is not fitted with a cable & cable seal. Cable seals and cavity plugs must be fully pressed into block. Fuses are not included.



### Included Cable Seal Kit:

- 2 x Input Cable Seal 50mm<sup>2</sup>
- 1 x Input Cavity Plug
- 2 x Output Seal Mega 35mm<sup>2</sup>
- 1 x Cavity Plug Mega
- 3 x Output Seal Midi 10-16mm<sup>2</sup>
- 1 x Cavity Plug Midi



### RELATED PRODUCTS:



**32V Midi Fuse**  
(see p.24)



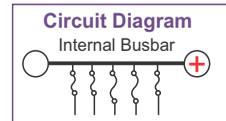
**58V Midi Fuse**  
(see p.24)



**32V Mega Fuse**  
(see p.25)



**70V Mega Fuse**  
(see p.25)



POWER DIST.