

HWB60 SEALED POWER DISTRIBUTION MODULE

Compact Hard-wired PDM for 280 Style Components



Description

Due to its compact size the Littelfuse HWB60 PDM is the perfect fit for accessory circuits and overflow circuits from your main PDM. But in conjunction with its durable, IP rated construction this unit also makes a suitable main module on smaller vehicles. With the elimination of internal bussing the user can customize their own circuitry utilizing direct wire-to-component connections.

Features/Benefits

- The elimination of internal bussing allows user to customize their own circuitry with direct wire-to-component connections.
- User can install any mini (280 style) circuit protection component.
- Compact size. PDM is perfect fit for accessory circuits, overflow circuits from main PDM, or as a main module on smaller vehicles.
- IP67/IP69K sealed units can be installed virtually anywhere on the vehicle. HWB60 stands up to road splash and salt spray, and gives robust protection to devices.
- TPAs (terminal position assurance locks) give secondary locking protection of the wire leads, which aid in prevention of leads from being pulled out. TPAs snap onto the back of the HWB60 after wires are installed, and do not interfere with the cable seals needed to ensure IP protection.
- Easy to connect. Wires plug into the back of the unit using industry-standard Delphi Metri-Pack Series 280 tanged terminals.
- Modular. Multiple HWB60s can be dovetailed together to expand circuit protection capacity. They can also be interlocked to other Littelfuse PDMs and fuse holders (i.e. FLEC, MEGA Flex holder, MIDI Flex holder, etc.) for complete system protection.
- Cover tethers also available to prevent loss of component during service.

Specifications Overview

Max Fuse Rating:	30A per circuit
Max Continuous Current:	250A
Number of Cavities	60
Mounting Torque:	4-6 Nm
Operating Temp:	-40 °C to 85 °C
Ingress Protection:	IP67/IP69K
Material:	Body & Cover: UL94-V0 TPA: UL94-V0 Gasket: Silicone

Applications

- Accessory Circuits
- Overflow Circuits
- Primary on Small Vehicles

Web Resources

Download 2D print and technical resources at:
littelfuse.com/HWB60

Ordering Information

PART NUMBER	DESCRIPTION
PDM21001LXM	Complete Assembly: Base, cover, gasket and 6 TPAs

Accessories and Service Parts

PART NUMBER	DESCRIPTION
868-163	Base
873-029	Cover
901-315	Gasket
883-083	TPA (6 needed per assembly)
973-680	Optional Tether

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Specifications

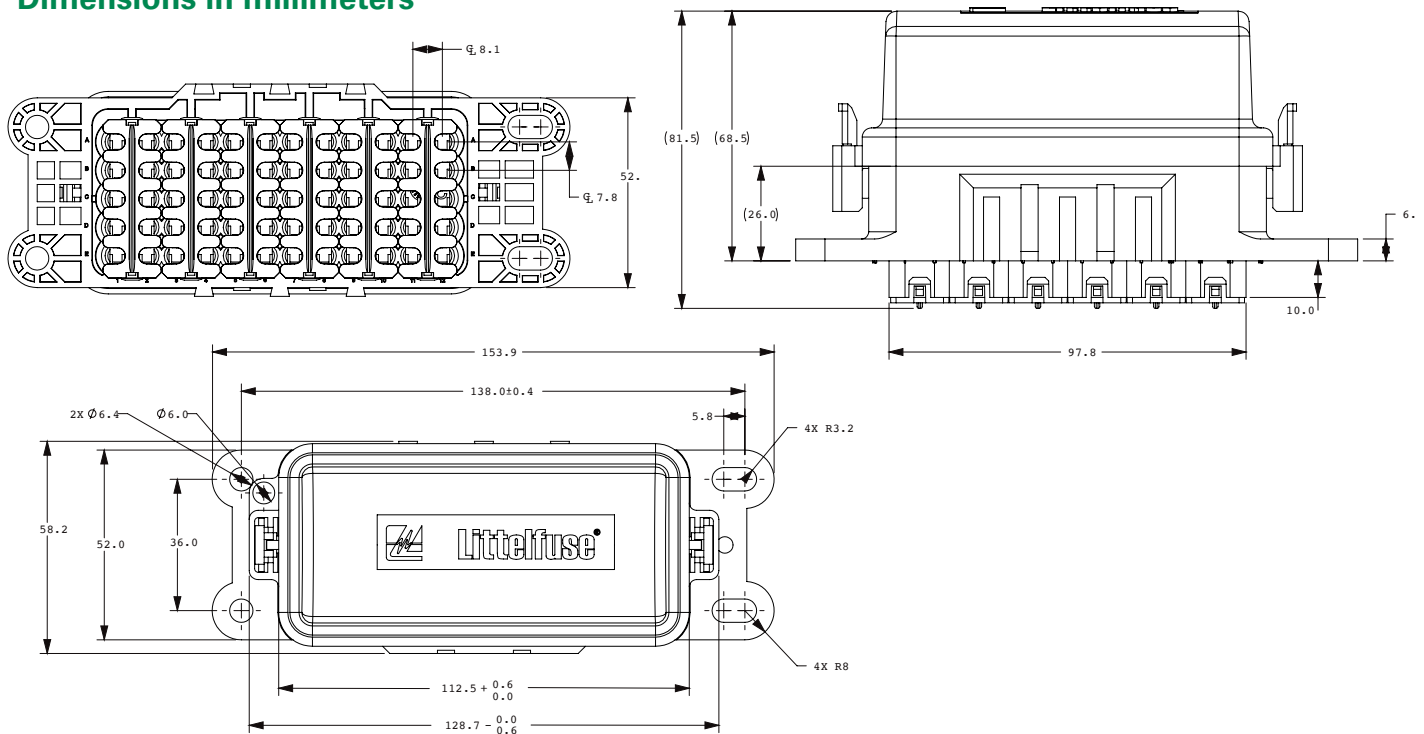
Max Fuse Rating	30A per circuit
Max Continuous Current	250A
Number of Cavities	60
Recommended Mounting	M6 bolt and lock washer
Mounting Torque	4-6 Nm
Temperature Range	-40 °C to +85 °C
Ingress Protection Rating	IP67/IP69K
Dimensions	154 x 58 x 82 mm
Labels	Consult Littelfuse for label options
Wire Sizes	0.35-5.00 mm ²
Mating Terminals & Seals	Delphi Metri-Pack 280 Sealed female (tanged) See chart below for details. Sold separately.
Accessories	Optional: Cover tether

Mating Terminals and Seals Compatibility

Wire Size Range (mm ²)	Insulation Diameter (mm)	Terminal	Cable Seal	Cable Plug
0.50-0.35 mm ²	1.84-2.51 mm	12084201	15324985 / 15324984	12010300
1.00-0.50 mm ²	2.03-3.12 mm	12077411	15324984 / 15324982	12010300
3.00-2.00 mm ²	2.45-3.80 mm	12129493	15324982 / 12015355	12010300

Sold separately. Available from Delphi.

Dimensions in millimeters



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