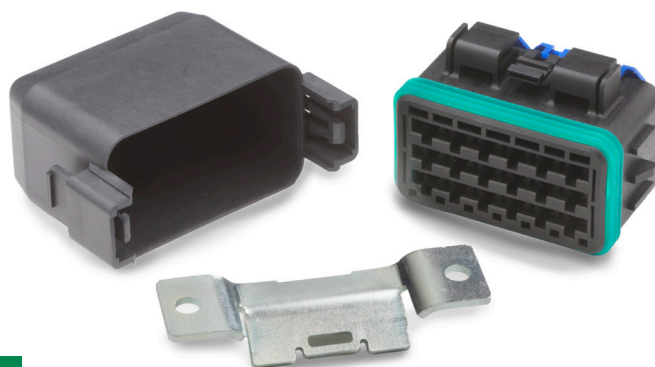# HWB18 Sealed Power Distribution Module

Compact hard-wired PDM for 280 style components

▶ Accepts MINI® fuses, relays, circuit breakers, diodes, etc

▶ Accepts Delphi Metri-Pack 280 terminals, cable seals, and cavity plugs

▶ Compact sealed unit: 60 x 38 x 74mm (2.4 x 1.5 x 2.9")

HWB18 accepts plug-in circuit protection components with 280 style footprint.

Ordering Information	
Part No.	**Description**
PDM31001ZXM	Assembly with TPAs* and mounting bracket bulk.
PDM31002ZXM	Assembly with TPAs bulk. No mounting bracket.
PDM31003ZXM	Assembly only. No TPAs or mounting bracket.

*TPA: Terminal Position Assurance locks for wire terminals

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 a main module on smaller vehicles.
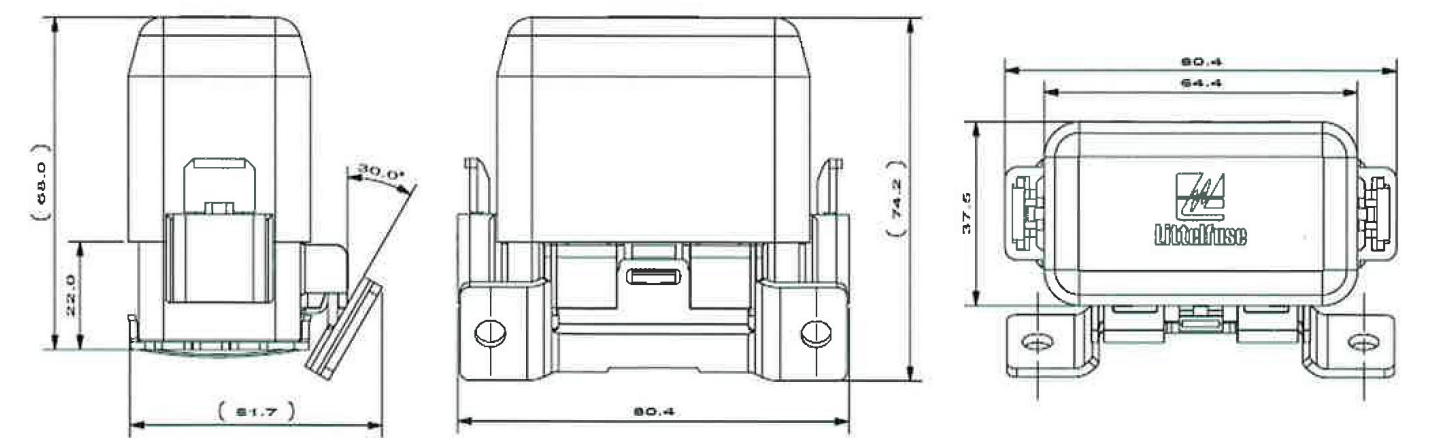
IP67 sealed units can be installed virtually anywhere on the vehicle. HWB18 stands up to roadsplash and salt spray, and gives robust protection to devices.

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 HWB18 after wires are installed, and do not interfere with the cable seals needed to ensure IP protection.

East to connect. Wires plug into the back of the unit using industry-standard Delphi Metri-Pack Series 280 tanged terminals.

Available with or without steel mounting bracket. Module snaps into bracket, and is held at 30° angle to allow easy viewing and servicing of devices.

Dimensions

Specifications

HWB18	
Max Fuse Size:	30A
Number of Cavities:	18
Mounting Torque:	5.5-6.5Nm
Materials:	
Body & Cover:	UL 94-V-0 glass-filled thermoplastic
Bracket:	Plated Steel
Gasket:	Silicone
Mating Terminals & Seals:	Delphi Metri-Pack 280 sealed female (tanged) Not available from Littelfuse. May be purchased through Delphi distributors
Temperature Range:	-40°C — 85°C
Ingress Protection:	IP67
Dimensions:	60 x 38 x 74mm
Wire Size:	0.35 — 5.00mm^2

Delphi mating terminals and seals (Metri-Pack Series 280 female sealed tanged terminals)

Cable range	Terminal	Cable diameter	Cable seal	Cable plug
0.50 – 0.35mm^2	12084201	1.29 – 1.70mm	12034365/12015899	12010300
1.00 – 0.80	12077411	1.60-2.15	12089444/12089679	12010300
2.00 – 1.00	15363933	2.03 – 2.85	12041351/12015323	12010300
3.00 –2.00	12129493	2.45 – 3.80	12015323/12015359	12010300
5.0	12077413	3.45-4.30	12015360/12015193	12010300

Above list of Delphi terminals, seals and plugs are only a partial list of Delphi offerings – additional parts may be available.
Delphi products are not available from Littelfuse, but can be purchased from Delphi distributors (subject to change – consult Delphi to further verify).

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