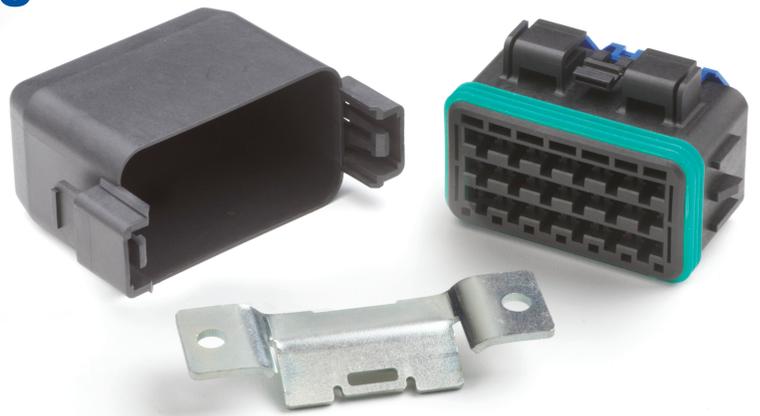# Hotfeed

Information on New Products from Littelfuse

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: 60x38x74mm (2.4x1.5x2.9")

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

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.

Easy 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.

Specifications

Max Fuse Size:	30A		Temperature Range:	-40°C – 85°C
Number of Cavities:	18		Ingress Protection:	IP67
Mounting Torque:	5.5 – 6.5Nm		Dimensions:	60 x 38 x 74mm
			Wire Sizes:	0.35 – 5.00mm^2

Materials:
- Body & Cover: UL 94V-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
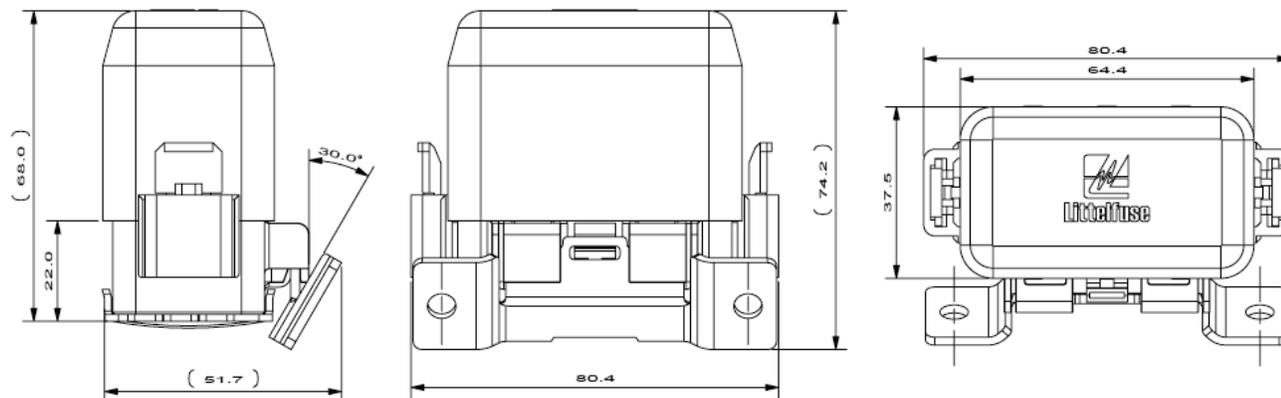purchased through Dephi distributors

Cable size	Terminal	Cable Diam.	Cable Seal	Cable Plug
0.50 – 0.35mm^2	12084201	1.84 – 2.51mm	12089679 / 12041351	
1.00 – 0.80	12077411	2.03 – 3.12	12041351 / 12015323	12010300
3.00 – 2.00	12129493	2.45 – 3.80	12015323 / 12015359	

Part Number Selection

HWB18 Part Number	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

Dimensions

Littelfuse®
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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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