

HWB6 SEALED POWER DISTRIBUTION MODULE

Compact Hard-Wired PDM for 280 Style Components



Description

The HWB6 Compact Hard-Wired Box features 6 cavities that accept 2.8mm fuse components and is the perfect fit for accessory circuits and overflow circuits from your main Power Distribution module. The HWB6 can hold plug-in components including MINI fuses and MINI format circuit breakers. The HWB6 features durable construction, an IP67/IP69K rating, and a compact size. The user can customize their own circuitry utilizing direct wire-to-component connections which are crimped to the wire harness with grommets to form the sealing for the lower parts of the HWB6.

Features and Benefits

- AssureLatch™ yellow positive-sealing latches keep the cover securely in place while allowing for fast service.
- Accepts any MINI (280 style) fuses or circuit breakers.
- Compact size allows the unit to be installed in vehicles with limited space.
- Ideal for accessory circuits, overflow circuits from main
- IP67/IP69k sealed units can be installed virtually anywhere on the vehicle and stands up to road splash and salt spray.
- TPAs (terminal position assurance locks) give secondary locking protection of the wire leads, which help keeps leads securely in place.
- Wires plug into the back of the unit using industry-standard TE Connectivity MCP terminals.
- Tethers available to prevent loss of cover during service.
- Clear cover available to help identify fuse condition
- HWB18, HWB12 & HWB6 share the same mounting bracket so electrical system modification can be performed without bracket or sheet metal alterations.
- A UL certification for this fuseholder means it can be used as a component in material handling and electric-battery-powered industrial truck applications with confidence that it meets the requirements of UL 583 standards.

Specifications Overview

Max Fuse Rating:	30A per circuit
Max Continuous Current:	68A
Number of Cavities	6
Operating Temp:	-40 °C to +105 °C
Ingress Protection:	IP67/IP69K

Applications

- Accessory circuits
- Overflow circuits

Web Resources

Download 2D print and technical resources at:
littelfuse.com/hwb6

Ordering Information

PART NUMBER	COVER		AssureLatch™		MOUNTING BRACKET
	BLACK	CLEAR			
PDM32001ZXM		•	•		
PDM32002ZXM	•		•	•	
PDM32003ZXM		•	•		Straight
PDM32004ZXM	•		•	•	Straight

UR file number: AU6325

TPA: Terminal Position Assurance secondary locks for wire terminals

Accessories and Service Parts

PART NUMBER	DESCRIPTION
868-059	Base
873-019-001	Tall cover in clear
873-019-002	Tall cover in black (UR)
904-059	Silicone seal
883-086	1 pcs. AssureLatch™ with thumb release
883-085	TPA
890009470	Tether
868-964	90° mounting bracket

HWB6 SEALED POWER DISTRIBUTION MODULE

Specifications

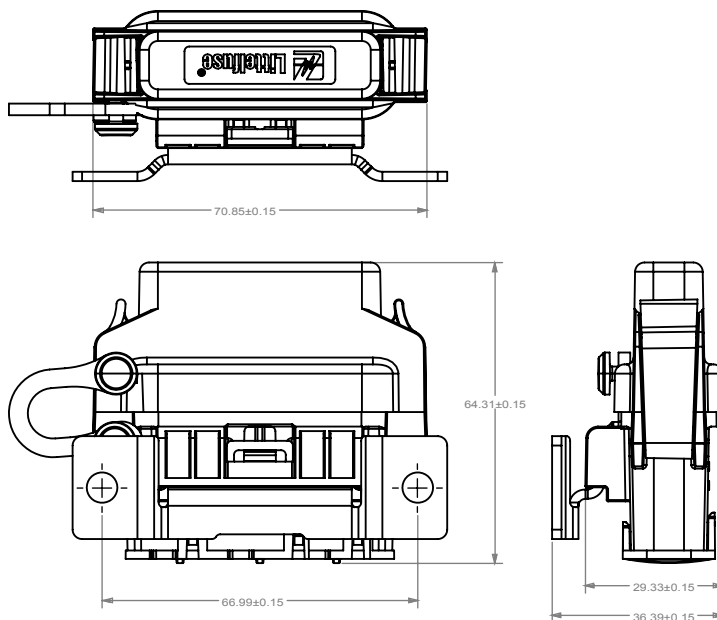
Max Fuse Rating	30A per circuit
Max Continuous Current	68A
Number of Cavities	6
Recommended Mounting	M6 bolt and lock washer
Mounting Bracket Torque	5.5-6.5 Nm
Temperature Range	-40 °C to +105 °C
Ingress Protection Rating	IP67/IP69K
Dimensions	70.9x64.3x36.4 mm
Wire Sizes	0.35-2.50 mm ²
Mating Terminals & Seals	TE Connectivity MCP Series. Sold separately.
Accessories	Optional: Cover tether, 90° angle bracket

Mating Terminals and Seals Compatibility

Wire Size Range (mm ²)	Insulation Diameter (mm) FLR	Materials and Finish	Part Number Strip Form	TE Cable Seal Part Number	Cable Seal Color
0.35–0.50	1.2–1.4	1-xxx-1/1-xxx-3	968882	828904-1	Blue
0.5–1.0	1.4–2.1	1-xxx-1/1-xxx-2/1-xxx-3	968855	828904-2	Blue
1.0–2.5	2.2–3.0	1-xxx-1/1-xxx-3	968857	828905-1	White
Empty Cavity	—	—	Cable Seal Plug	828922-1	Natural

Sold separately. Available from TE Connectivity.

Dimensions in millimeters



Visit Littelfuse.com for the most up-to-date product information. Littelfuse reserves the right to make product changes, without notice. Material in this document is as accurate as known at the time of publication.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fuse Holder](#) category:

Click to view products by [Littelfuse](#) manufacturer:

Other Similar products are found below :

[570-290-741P40](#) [570-290-751P40](#) [020417G](#) [020418E](#) [6R30A1B](#) [F600A3B](#) [80910030](#) [8601.2020](#) [G15A2SPQ](#) [9-3557-GP REV A](#) [HDJ-B](#)
[R6J30A3S](#) [HFH-1](#) [RF30A2B](#) [RF30A3SP](#) [15600-08-10](#) [BK/FHN19G](#) [BK/HHM](#) [BK/HKP-CCHH](#) [BK/HKP-JJ](#) [BK/HTJ-LES-FUSE](#) [HMG-](#)
[241](#) [HTJ-LES-FUSE](#) [C4044-1](#) [2086-1](#) [2193](#) [2602](#) [2650](#) [178.000100](#) [FHN31G1](#) [T30A2B](#) [G4PB8](#) [2660](#) [2799](#) [CQ-209V](#) [HKP-CCHH](#)
[R6F30A2S](#) [341001A](#) [345621A](#) [CVRMCC](#) [4202](#) [4407](#) [4408](#) [4413](#) [4423](#) [4532](#) [4537](#) [TSD1404-12](#) [BK/FHN31G1](#) [BK/HC-5](#)