HWB6 SERIES

58V Hard-Wired Waterproof DC Power Distribution Box for MINI® Fuses & Circuit Breakers

PDM32001ZXM

Specifications

Max Voltage Rating Continuous:	58VDC
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Max Total Continuous Current:	72A (30A Per Circuit)
Operating Temp Range:	-40C to + 85°C
Ingress Protection:	IP67
Mounting Method:	Mounting Bracket M6
Mounting Hole:	M6
Fuse Type:	MINI fuse, MCASE Fuse and/or MINI Circuit Breaker

Description

Ideal for accessory circuits and overflow circuits from your main power distribution module (PDM), the compact HWB6 Series 58V Hard-Wired Waterproof DC Power Distribution Box can hold three plug-in circuit protection components, including a combination of MINI® fuses, MINI® circuit breakers, and MCASE™ fuses (adapter required; sold separately).

This hard-wired PDM allows you to customize your own circuitry utilizing direct wire-to-component connections, which are crimped to the wire harness with grommets to seal the bottom of the module. Terminal position assurance locks offer secondary protection to keep the wires in place. The HWB6 series uses TYCO MCP terminals, cable seals, and cavity plugs.

Available with a clear or black cover with a gasket, this dust-tight, waterproof power distribution box carries an IP67/IP69K rating, and it features AssureLatch™ positive-sealing latches that keep the cover securely in place. The clear cover option lets you easily see the condition of the installed fuses, and an available tether helps prevent loss of the cover during service.

Applications

- Work Trucks and Specialty Equipment
- Emergency Vehicles
- Construction Site Support Equipment
- Oil and Gas Drilling Equipment
- Marine Vehicles and Equipment

Features and Benefits

- Holds three MINI® fuses or a combination of MINI® fuses, MINI® circuit breakers, and MCASE™ fuses (adapter required; sold separately)
- Rated for 72 A total maximum continuous current (30 A maximum per circuit)
- Clear or black cover is sealed with a gasket to an IP67/IP69K rating to deliver a waterproof power distribution box that is safeguarded from dust, moisture, and debris
- AssureLatch™ positive-sealing latches keep the cover securely in place while allowing for fast service
- Terminal position assurance locks help prevent disconnection of wires due to vibration and accidental snagging

Web Resources

Download 2D print, installation guide and technical resources at: **littelfuse.com/HWB6**

Ordering Information

PART NUMBER	DESCRIPTION	HOUSING	INPUT TERMINALS
PDM32001ZXM	MINI® Hard-Wired Waterproof Power Distribution Box with Clear Cover	Black Thermoplastic Base, Clear Cover	Blade
PDM32002ZXM	MINI® Hard-Wired Waterproof DC Power Distribution Box with Black Cover	Black Thermoplastic Base, Black Cover	Blade
PDM32003ZXM	MINI® Hard-Wired Waterproof Power Distribution Box with Clear Cover & 90° Bracket	Black Thermoplastic Base, Clear Cover	Blade
PDM32004ZXM	MINI® Hard-Wired Waterproof Power Distribution Box with Black Cover & 90° Bracket	Black Thermoplastic Base, Black Cover	Blade
875-584	MCASE™ Terminal Adapter	Black Thermoplastic Base	Blade
890009470	Tether for HWB6 Power Distribution Box		

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