

HWB60 SERIES

58 V 250 A Hard-Wired Waterproof DC Power Distribution Box for MINI® Fuses, Circuit Breakers & Relays



Description

Simple to install virtually anywhere on a vehicle, the HWB60 Series Hard-Wired Waterproof DC Power Distribution Box for MINI® Fuses, Circuit Breakers, and Relays is a compact module that's ideal for accessory circuits or overflow circuits from a main power distribution module (PDM) or for use as a main PDM on small vehicles.

Accepting MINI® fuses, MINI® circuit breakers, MCASE™ fuses (adapter required; sold separately), diodes, and ISO 280-style relays, including 4-pin single-throw relays and 5-pin double-throw relays, this hard-wired PDM allows you to customize your own circuitry utilizing direct wire-to-component connections. Terminal position assurance (TPA) locks offer secondary protection to keep the wires in place. The HWB60 series uses Delphi Metri-Pack 280 terminals, cable seals, and cavity plugs (not included).

A thermoplastic cover with a gasket completes this dust-tight, waterproof power distribution box that carries an IP67/IP69K rating. An available tether (not included) helps prevent loss of the cover during service.

Web Resources

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

Specifications

Max Voltage Rating Continuous:	58VDC
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Max Total Continuous Current:	250A
Operating Temp Range:	-40C to + 85°C
Ingress Protection:	IP67 IP69K
Input Terminals:	Delphi Metri-Pack 280 Sealed female (Sold separately)
Fuse Type:	MINI Fuse

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 30 MINI® fuses or a combination of MINI® fuses, MINI® circuit breakers, MCASE™ fuses (adapter required; sold separately), and ISO 280 relays
- Maximum total continuous current rating of 250 A
- No internal bussing allows customization of circuitry with direct wire-to-component connections using sealed Delphi Metri-Pack Series 280 tapered terminals
- IP67, IP69K sealed waterproof power distribution block can be installed virtually anywhere on the vehicle and stand up to road splash and salt spray
- Terminal position assurance (TPA) locks help prevent disconnection of wires due to vibration and accidental snagging
- Dovetail feature enables circuit protection expansion with multiple HWB60 units or other compatible interlocking PDMs and fuse holders
- Thermoplastic base and cover with a UL 94 V-0 flammability rating

Ordering Information

PART NUMBER	DESCRIPTION	HOUSING	MOUNTING HOLE	MOUNTING METHOD
PDM21001LXM	58 V 250 A Hard-Wired Power Distribution Box with Base, Cover, Gasket & TPA Locks	Black Thermoplastic	2X ø6.4, 2X ø12.2	Mounting bracket, use M6 bolt and lock washer
868-163	Base for HWB60 Power Distribution Box	-	-	-
883-083	Terminal Position Assurance (TPA) Locks for HWB60 Power Distribution Box	-	-	-
901-322	Grid Insert for HWB60 Power Distribution Box	-	-	-
873-029	Cover for HWB60 Power Distribution Box	-	-	-
901-315	Silicone Gasket for HWB60 Power Distribution Box	-	-	-