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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# HWB60 SEALED POWER DISTRIBUTION MODULE

Compact Hard-wired PDM for 280 Style Components



## Description

Due to its compact size the Littelfuse HWB60 PDM is the perfect fit for accessory circuits and overflow circuits from your main PDM. But in conjunction with its durable, IP rated construction this unit also makes a suitable main module on smaller vehicles. With the elimination of internal bussing the user can customize their own circuitry utilizing direct wire-to-component connections.

## 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 as a main module on smaller vehicles.
- IP67/IP69K sealed units can be installed virtually anywhere on the vehicle. HWB60 stands up to road splash 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 HWB60 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.

## Features/Benefits (cont'd)

- Modular. Multiple HWB60s can be dovetailed together to expand circuit protection capacity. They can also be interlocked to other Littelfuse PDMs and fuse holders (i.e. FLEC, MEGA Flex holder, MIDI Flex holder, etc.) for complete system protection.
- Extra storage. Add-on accessory option to hold a fuse puller.
- Cover tethers also available to prevent loss of component during service.

## Applications

- Accessory Circuits
- Overflow Circuits
- Main unit on small vehicles

## Web Resources

Download technical resources at:  
[littelfuse.com/hwb60](http://littelfuse.com/hwb60)

## Specifications Overview

<b>Max Fuse Size:</b>	30 A
<b>Number of Cavities</b>	60
<b>Mounting Torque :</b>	4-6Nm
<b>Ingress Protection (IP) Rating:</b>	IP67/IP69K

## Specifications

<b>Max Fuse Size</b>	30 A
<b>Number of Cavities</b>	60
<b>Mounting Torque</b>	4-6Nm
<b>Temperature Range</b>	-40 °C - 85 °C
<b>Ingress Protection Rating</b>	IP67/IP69K
<b>Dimensions</b>	113x52x81 mm
<b>Labels</b>	Consult Littelfuse for module and cover label options
<b>Wire Sizes</b>	0.35-5.00 mm <sup>2</sup>
<b>Mating Terminals &amp; Seals</b>	Delphi Metri-Pack 280 Sealed female (tanged) Not available from Littelfuse. Check with you Delphi distributor. See chart below.
<b>Accessories</b>	Spare fuse puller holder; cover tether

## Mating Terminals and Seals Compatibility

Cable size	Terminal	Cable Diameter	Cable Seal	Cable Plug
0.50-0.35 mm <sup>2</sup>	12084201	1.84-2.51 mm	12089679 / 12041351	12010300
1.00-0.80 mm <sup>2</sup>	12077411	2.03-3.12 mm	12041351 / 12015323	
3.00-2.00 mm <sup>2</sup>	12129493	2.45-3.80 mm	12015323 / 12015359	

## Ordering Information

MODEL	DESCRIPTION
PDM21001LXM	Complete Assembly: Base, cover, gasket and 6 TPAs
868-163	Base
873-029	Cover
901-305	Gasket
883-083	TPA (6 needed per assembly)

TPA: Terminal Position Assurance secondary locks for wire terminals

## Dimensions millimeters

