

## 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.
- 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.
- Cover tethers also available to prevent loss of component during service.

### Specifications Overview

|                                |   |
|--------------------------------|---|
| <b>Max Fuse Rating:</b>        | 30A per circuit   |
| <b>Max Continuous Current:</b> | 250A  |
| <b>Number of Cavities</b>      | 60  |
| <b>Mounting Torque:</b>        | 4-6 Nm  |
| <b>Operating Temp:</b>         | -40 °C to 85 °C   |
| <b>Ingress Protection:</b>     | IP67/IP69K  |
| <b>Material:</b>               | Body & Cover: UL94-V0<br>TPA: UL94-V0<br>Gasket: Silicone |

### Applications

- Accessory Circuits
- Overflow Circuits
- Primary on Small Vehicles

### Web Resources

Download 2D print and technical resources at:  
[littelfuse.com/HWB60](http://littelfuse.com/HWB60)

### Ordering Information

| PART NUMBER | DESCRIPTION                                       |
|-------------|---|
| PDM21001LXM | Complete Assembly: Base, cover, gasket and 6 TPAs |

### Accessories and Service Parts

| PART NUMBER | DESCRIPTION                 |
|-------------|-----------------------------|
| 868-163     | Base                        |
| 873-029     | Cover                       |
| 901-315     | Gasket                      |
| 883-083     | TPA (6 needed per assembly) |
| 973-680     | Optional Tether             |

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### Specifications

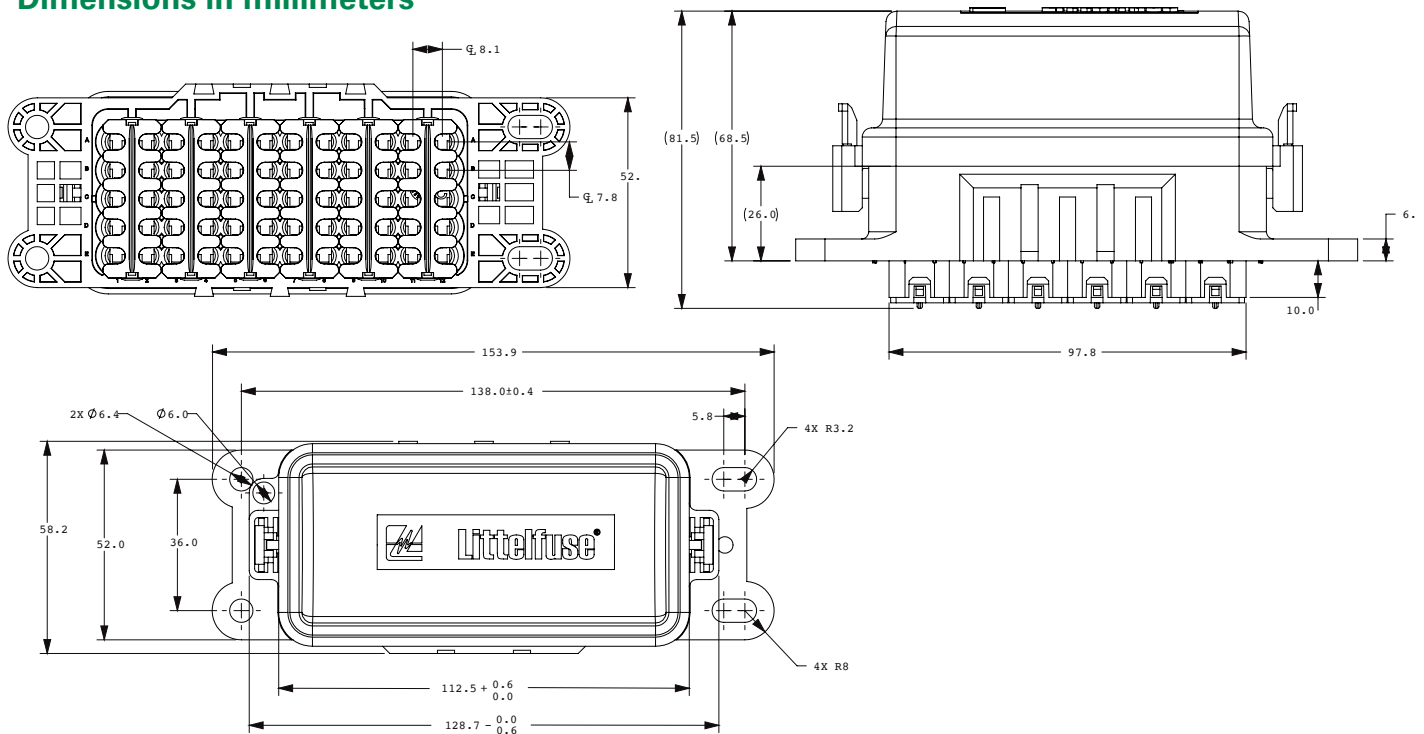
|                                     |  |
|-------------------------------------|--|
| <b>Max Fuse Rating</b>              | 30A per circuit  |
| <b>Max Continuous Current</b>       | 250A   |
| <b>Number of Cavities</b>           | 60   |
| <b>Recommended Mounting</b>         | M6 bolt and lock washer  |
| <b>Mounting Torque</b>              | 4-6 Nm   |
| <b>Temperature Range</b>            | -40 °C to +85 °C   |
| <b>Ingress Protection Rating</b>    | IP67/IP69K   |
| <b>Dimensions</b>                   | 154 x 58 x 82 mm   |
| <b>Labels</b>                       | Consult Littelfuse for 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) See chart below for details. Sold separately. |
| <b>Accessories</b>                  | Optional: Cover tether   |

### Mating Terminals and Seals Compatibility

| Wire Size Range (mm <sup>2</sup> ) | Insulation Diameter (mm) | Terminal | Cable Seal          | Cable Plug |
|------------------------------------|--------------------------|----------|---------------------|------------|
| 0.50-0.35 mm <sup>2</sup>          | 1.84-2.51 mm             | 12084201 | 15324985 / 15324984 | 12010300   |
| 1.00-0.50 mm <sup>2</sup>          | 2.03-3.12 mm             | 12077411 | 15324984 / 15324982 | 12010300   |
| 3.00-2.00 mm <sup>2</sup>          | 2.45-3.80 mm             | 12129493 | 15324982 / 12015355 | 12010300   |

Sold separately. Available from Delphi.

### Dimensions in millimeters



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