

HPDM SERIES POWER DISTRIBUTION MODULE

600 A • MEGA® Fuse • 2 Pole • Sealed • AssureLatch™



Description

The 2-Pole High Power Distribution Module (HPDM) is designed for OEM and aftermarket applications in the heavy truck and trailer industry. When connected to a tractor / trailer's electrical system it provides two high current MEGA® fuse protected circuit outputs as well as an un-fused output that can optionally be used to parallel multiple modules or deliver power to circuits which do not require circuit protection.

Features and Benefits

- Separate fuse compartment provides a seal that protects the fuses and their terminations from harsh environments. This allows for permanent cable connections that can be dielectrically sprayed without affecting the fuse.
- Custom insert-molded studs for input/output cable terminations and MEGA® fuse attachment, resulting in high terminal torque capability and lower connection resistance.
- Designed to minimize bridging corrosion between positive live metal surfaces and potentially grounded assembly hardware or mounting surfaces.
- Metal inserts at the mounting holes allows for an increased assembly torque without distorting the base material.
- Optional un-fused terminal for daisy chaining multiple devices or providing power distribution to circuits which cannot be fused.
- AssureLatch™ Technology positive-sealing latches keep the cover securely in place while allowing for fast service.
- Cover label recess allows optional addition of application-specific labels per end-customer requirements.

Ordering Information

| PART NUMBER | VOLTAGE | AMPERAGE | FUSE TYPE | POLES | FUSE HARDWARE | | INPUT/OUTPUT HARDWARE | | MOUNTING HARDWARE | |
|-------------|---------|----------|-----------|-------|-----------------------|--------|---|-----------------------------|-------------------------|--------|
| | | | | | SIZE | TORQUE | SIZE | TORQUE | SIZE | TORQUE |
| 880195400 | 48 | 600 | MEGA® | 2 | 4x M8x1.25 (included) | 15 Nm | 1x M8x1.25 3x M10x1.50 (sold separately) | 20 Nm (max install 300 RPM) | 2x M8 (sold separately) | 30 Nm |

Note: Custom fuses loadings available. Minimum order quantity required. Contact your manufacturing rep for details.

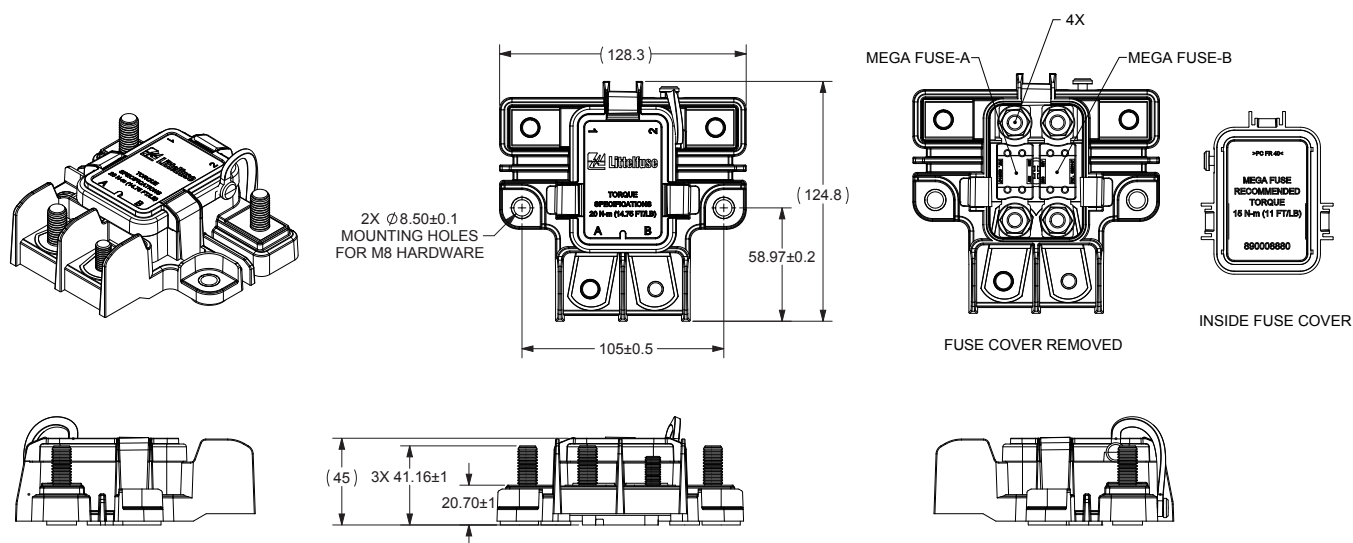
Specifications Overview

| | |
|---------------------------------|---|
| Max Voltage: | 48 Vdc |
| Max Input Current: | 600 A |
| Max Current per Circuit: | 300 A |
| Fuse Hardware: | 4x M8x1.25 (included) |
| Fuse Torque: | 15 Nm |
| Input/Output Hardware: | 1x M8x1.25, 3x M10x1.50 (sold separately) |
| Input/Output Torque: | 20 Nm (Max install 300 RPM) |
| Mounting Hardware: | 2x M8 (sold separately) |
| Mounting Torque: | 30 Nm |
| Operating Temp: | -50°C to +105°C |
| Ingress Protection: | IP67, IP69K |
| Flammability Rating: | UL94-V0 |
| Dimensions: | 129 x 125 x 45 mm |

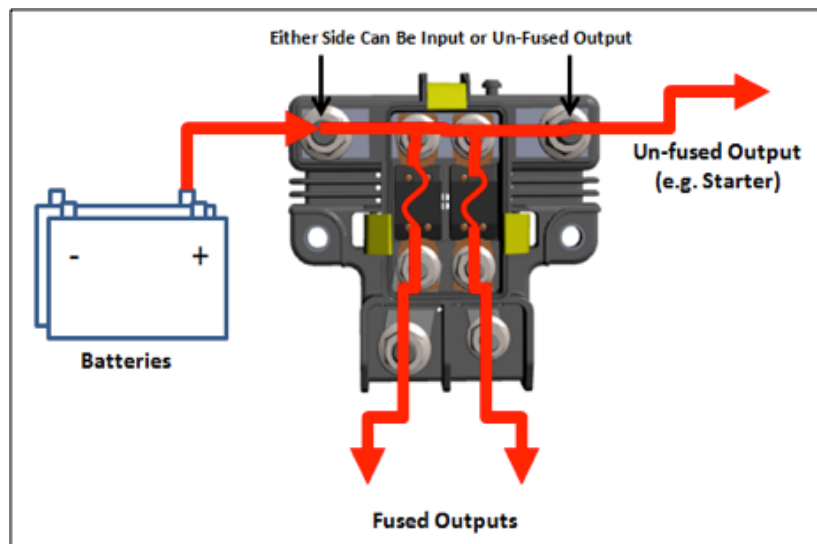
Web Resources

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

Dimensions in millimeters



Application Drawing



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.

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