

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.

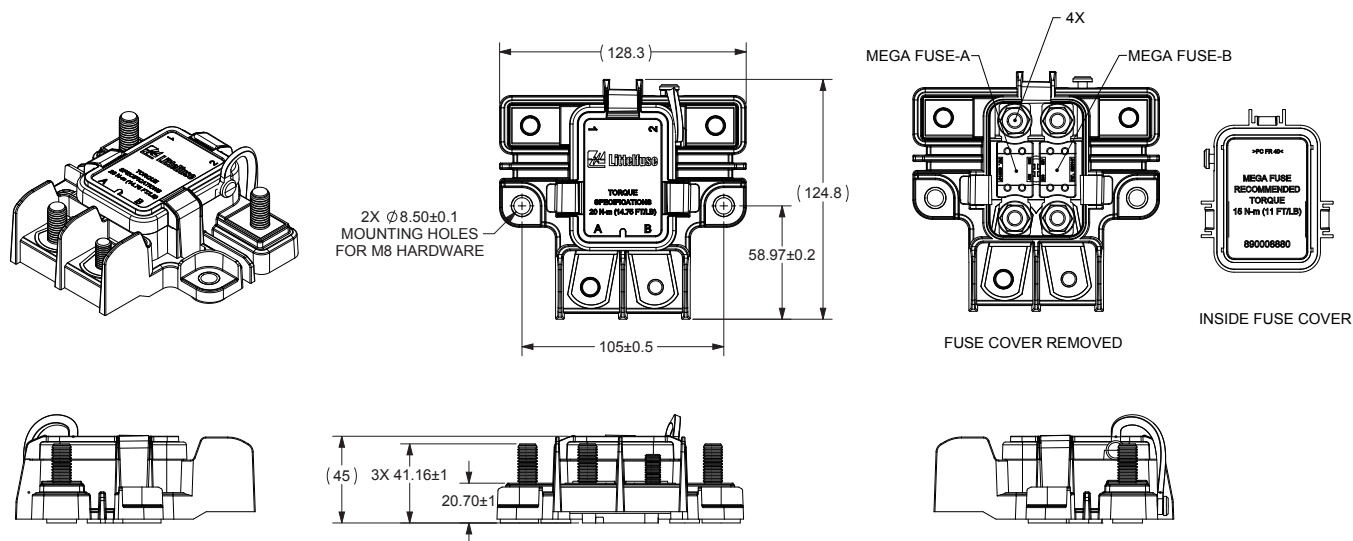
Specifications Overview

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

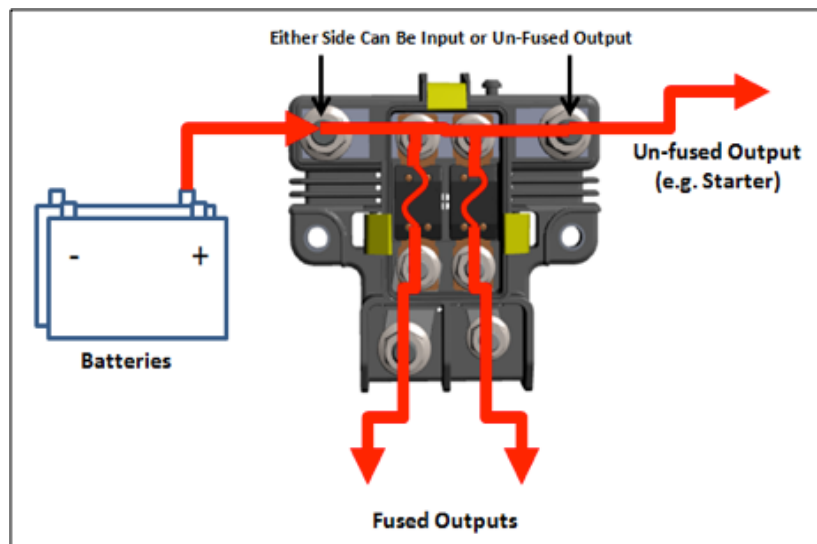
Web Resources

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

Dimensions in millimeters



Application Drawing



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