

LFMX SERIES MINIFLEC POWER DISTRIBUTION

Connectorized Power Distribution Module



Description

The LFMX is an internally bussed, connectorized, sealed power distribution module, suitable for mounting in rugged commercial vehicle applications. The LFMX accepts high power plug devices like automotive fuses, and relay components to protect and control complex electrical systems. An internally mounted Printed Circuit Board (PCB) allows for design flexibility and enables new electrical designs to be supported with merely a PCB variation. The PCB accepts active and passive devices such as diodes and resistors.

The LFMX is built specific to your design requirements and is a special order product. Please talk to your local representative for additional details

Features and Benefits

- Internal PCB allows for custom circuit configurations, including designs requiring electronics such as those used in CAN J1939 and LIN systems.
- Quick-lock yellow latches keep the cover securely in place and positively latch the cover down. A tether secures the cover to base when the cover is removed.
- Rear fed electrical connectors support panel mounted applications.
- Sealed rugged enclosure protects internal circuitry from harsh environments such as high shock, vibration, as well as moisture and contaminants. Sealed to IP66.
- Rugged mounting points allow the box to be securely fastened to a variety of attachment points

Specifications Overview

Max Load (12 V):	105 A
Working Voltage:	12 Vdc
Fuse Capacity:	Customized to application
Fuse Rating Range:	5 to 30 A
Relay Capacity:	Customized to application
Operating Temp:	-40° C to 85° C
Ingress Protection:	IP66
Mounting Bolt Torque:	6 - 8 Nm
Mating Terminals and Seals:	Deutsch HDP26-24-18 SN
Wire Sizes:	20 AWG ² – 12 AWG ²
Box Dimensions:	126x157x96 mm
Accessories:	Fuse puller, spare fuses

Applications

- Main electric system distribution and protection

Web Resources

Download 2D outline and additional technical resources at: littelfuse.com/lfmX

Outline Configuration

