MINIFLEC™ SERIES
SEALED CONFIGURABLE POWER DISTRIBUTION MODULE

LFMX0007Z-01

Specifications

Current Rating Continuous Total:	150A
Voltage Rating Continuous:	9 to 16VDC with 12VDC Relays 18 to 32VDC with 24VDC Relays
Voltage Rating Max:	16VDC with 12VDC Relays 32VDC with 24VDC Relays
Fuse Type:	MINI Fuses / MCASE+ Fuses
Ignition Protection:	IP67
Temperature:	-40° C TO +100° C
Housing:	Black plastic, Reinforced Nylon (94V-0)

Applications

- Heavy Trucks
- Emergency Vehicles
- Mining
- Construction
- Agriculture

Description

The MiniFLEC™ Sealed Configurable Power Distribution Module (PDM) can be used for main electrical system protection and distribution or as a secondary power distribution box to add more capacity.

This front-access, internally bussed, connectorized PDM accepts plug-in devices, such as automotive fuses, diodes, and relays to protect and control complex electrical systems. An internally mounted Printed Circuit Board (PCB) allows bussed connections to a large number of devices.

Its dust-tight, waterproof enclosure, which protects internal circuitry from harsh conditions, such as high shock, vibration, moisture, and contaminants, is built for rugged commercial vehicle applications.

The MiniFLEC™ PDM can be purchased as a standard unloaded power distribution box (LFMX0007Z-01) or it can be built to your design requirements as a special order product. Please speak to your local Littelfuse representative for additional details.

Features And Benefits

- The configurable PDM accepts automotive fuses, diodes, and relays to protect and control complex electrical systems
- Rugged, reinforced-nylon enclosure with a UL94 V-0 flammability rating protects internal circuitry from harsh conditions
- IP67-rated sealed power distribution box is dust-tight and protected against temporary submersion in water
- Tethered cover securely latches to base with positive AssureLatch™ yellow latches
- The standard MiniFLEC™ PDM model accepts 3 Form C 280 series relays, 3 Form A 280 Ultra Micro series relays, and 1 ISO MINI relay as well as 11 MINI® fuses and 2 MCASE+® fuses
- All relays share a common ground circuit
- The standard MiniFLEC™ PDM is designed for panel mounting (rear-fed connectors) with base compression limiters to prevent over-torquing when the unit is mounted
- The standard MiniFLEC™ PDM includes 6 spare fuse locations (4 MINI® fuses & 2 MCASE+® fuses)

Web Resources

Download 2D print, installation guide and technical resources at: **littelfuse.com/MINIFLEC**

Ordering Information

PART NUMBER	DESCRIPTION	INPUT TERMINALS	MOUNTING METHOD	MOUNTING HOLE DIMENSIONS
LFMX0007Z-01	16-32V 150A Sealed Power Distribution Module	M8 Stud terminal * Tyco connectors: 1-1670894-1 for C1 2-1564514-1 for C2 1-1418437-1 for C3 1-1564542-1 for C4	Mounting Holes For Studs	9mm for M8 studs

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