

# EPC SERIES

## CONFIGURABLE INTERNALLY BUSSED SEALED POWER DISTRIBUTION MODULE



LFLX0006Z-01

### Description

The EPC Internally Bussed Sealed Power Distribution Module (PDM) is a configurable, connectorized automotive power distribution box for main electrical system power distribution and protection in commercial vehicles.

This power distribution module has a dense concentration of high-power circuits and accepts plug-in devices, including automotive fuses, circuit breakers, 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.

The EPC power distribution module can be built specifically to your design requirements as a special order product. Please talk to your local representative for additional details.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/EPC](http://littelfuse.com/EPC)

### Ordering Information

PART NUMBER	DESCRIPTION	HOUSING	FUSE TYPE	INPUT CONNECTORS
LFLX0006Z-01	32 V 160 A Internally Bussed Sealed Power Distribution Module	Black Thermoformed Glass Reinforced	MINI®	4X Tyco Connector PN: 1-1670901-1, 2-1670901-1, 1-1563759-1 and 3-1563759-1

### Specifications

<b>Max Voltage Rating Continuous:</b>	12 / 24 VDC
<b>Max Voltage Rating</b>	32 VDC
<b>Max Total Continuous Current:</b>	160A
<b>Operating Temp Range:</b>	-40C to + 85°C
<b>Ingress Protection:</b>	IP67 / IP69K
<b>Mounting Method:</b>	Surface / Chassis Mount
<b>Mounting Hole:</b>	4X 6.5x9mm
<b>Relay Compatible Type:</b>	Form C 280 and Form A 280

### Applications

- Heavy Trucks
- Construction
- Agriculture
- Emergency Vehicles
- Material Handling

### Features and Benefits

- Configurable PDM accommodates plug-in devices, such as fuses, circuit breakers, diodes, and ISO 280 relays (sold separately)
- IP67/IP69K-rated sealed enclosure protects internal circuitry from harsh environmental conditions, including shock, vibration, dust, and water
- Electrical connectors support surface mount applications
- Two separate power input buses
- Tether connects the cover to the base to prevent misplacement
- Lid features five spare fuse locations