EPC SERIES
CONFIGURABLE INTERNALLY BUSSED SEALED POWER DISTRIBUTION MODULE

LFLX0006Z-01

Specifications

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

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**

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

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 Reinformed	MINI®	4X Tyco Connector PN: 1-1670901-1, 2-1670901-1, 1-1563759-1 and 3-1563759-1