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

Specifications
- Max Voltage Rating Continuous: 12 / 24 VDC
- Max Voltage Rating: 32 VDC
- Max Total Continuous Current: 160A
- Operating Temp Range: -40°C 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

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

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