# FLEC™ SERIES

## Flexible Electrical Center Configurable Power Distribution Module



FLEC3000Z-0U

## Description

Designed for primary power distribution, the FLEC™ Series Flexible Electrical Center Configurable Power Distribution Module (PDM) accommodates circuit protection components in a compact, sealed footprint.

The FLEC™ configurable PDM can be engineered to your application to create a plug-and-play system. Its internal printed circuit board (PCB) accepts active and passive devices and allows for custom circuit configurations. The highly reliable PCB technologies used in the FLEC™ PDM reduce the risk of wiring faults.

The FLEC™ configurable PDM mates to an industry standard connection system to provide a robust solution for heavy-duty commercial vehicle and equipment environments. The use of connectorized interfaces, rather than hard-wired technologies, reduces factory assembly efforts.

In addition, the FLEC™ sealed PDM carries an IP67 rating, which allows it to be mounted in locations susceptible to moisture and dirt without any adverse effects.

## Web Resources

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

## Specifications

| | |
|---|---|
| **Max Voltage Rating Continuous:** | 12 / 24 VDC |
| **Max Voltage Rating** | 16VDC / 32VDC |
| **Max Total Continuous Current:** | 300A (100A per stud) |
| **Operating Temp Range:** | -40C to + 85°C |
| **Ingress Protection:** | IP67 |
| **Mounting Method:** | M6 X4 Through Hole, Chassis Mount |
| **Mounting Hole:** | Ø6.50mm |
| **Fuse Type:** | MINI Fuse and ISO 18 Style Relays |

## Applications

- Primary Power Distribution
- Heavy-Duty Trucks
- Construction Vehicles
- Agricultural Equipment
- Emergency Vehicles

## Features and Benefits

- High component density maximizes available space and limits the number of additional units required
- Flexible PDM can be configured to accept a variety of fuses, circuit breakers, and relays, including MINI®, ATO®, MAXI®, JCASE®, MCASE®, and ISO components
- Thermoplastic base and cover with a UL 94 V-0 flammability rating for mounting in harsh vehicle environments
- Sealed PDM design with an IP67 rating ensures protection against dust, water, and contaminants
- Input stud caps prevent accidental short circuits while performing maintenance to and around the power distribution box
- Internal PCB allows for custom circuit configurations, including designs requiring electronics such as those used in CAN J1939 and LIN systems
- Vented base ensures pressure equalization to maintain sealing over a wide temperature range.

## Ordering Information

| PART NUMBER | DESCRIPTION | HOUSING | INPUT TERMINALS |
|---|---|---|---|
| FLEC3000Z-0 | 16 V Max 300 A Power Distribution Module with MINI® Fuses & ISO Micro Relays | Black thermoplastic base, black cover | * M8 studs<br>* Delphi 280 series:<br>16-way 15326666 for J9<br>14-way 15326917 for J4<br>8-way 15326654 for J8<br>* Delphi 150 series:<br>16-way 15326863 for J5<br>12-way 15326849 for J7<br>10-way 15326842 for J6 |
| FLEC3000Z-0U | 16 V/32 V Max 300 A Power Distribution Module - Empty | | |
| 882-841 | Stepped Bus Bar for FLEC™ PDM to MEGA® Flex Fuse Holder Connection | – | – |
| 923-025-003 | Red M8 Stud Cap for FLEC™ Input Studs | – | – |
| FLEC3000ZCVR | FLEC™ PDM Cover | Black thermoplastic cover | – |



© 2026 Littelfuse, Inc.
Specifications are subject to change without notice.
Rev: 050726

Downloaded from Arrow.com.