POWER FUSE & FUSED RELAY MODULES

EATON Bussmann

IGNITION PROTECTED

IP66

These distribution modules are designed for high current applications and suitable for placement in extreme moisture and high vibration environments. A silicone seal and included removable fuse cover offer a weather-tight enclosure for the fuse positions. Both modules feature rugged M8 power input studs. Multiple units may be connected together using a buss bar. They can also be bussed to any of Bussmann's PDMs (i.e. RTMR - p.129-133, VEC / DVEC - p.142 etc.)

Power Fuse Module (PFM)

- Housing for 2 fuse positions.
- Each fuse is a separate circuit.
- Fuse cover included.

Fuse Cover

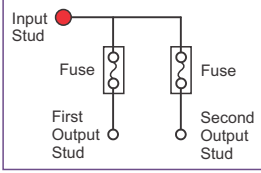
Power Fused Relay Module (PRM)

- Includes a molded-in High Power Mini relay.
- Housing for 2 fuse positions. One fuse protects the relay and the other is a single-circuit inline fuse.
- Fuse cover included.

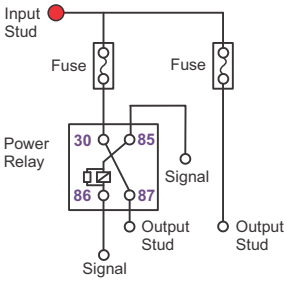
Fuse Cover

Rating (PFM): Each inline fuse; up to 60A.
Relay Rating (PRM): 70A (12VDC) or 25A (24VDC) steady-state relay.
Relay Protection Fuse: Up to 60A. Non-switched inline fuse; up to 60A.
Temperature Rating: -40 °C to +85 °C.
Body: UL-Rated 94V-0 thermoplastic with silicone seal.
Terminals: Tin-plated copper terminals.
Studs: Plated steel. Includes keps nuts.
Input Termination: M8 threaded stud.
Output Termination: Two M6 threaded studs.
Relay Signal Connector Kit: Only for use with PRM's. (1.0 to 1.5mm²)
Ingress Protection Rating: IP66 (excluding stud connections).
Mounting: Counter Rotation Feature (CRF) included to prevent the module rotating on single bolt installations. 6.5x35.4 Mount Hole
Bussing: Use 3771BUS busbars to join multiple PRMs/PFMs.
Stud insulator caps included with busbars.
Contact sales for options to bus PRMs / PFMs to other Bussmann PDM's.
Accessories: Relay signal connector, bus bars, separators and fuses.
Suitable Fuses: JTFxxx (20A - 60A), not included.
Notes: Each Power Relay Module requires 1 x PRM Relay Signal Connector Kit (50126K) to control the relay. Fusible links are not included.
Compliances: SAE J1171 (Ignition protected).

Power Fuse Module (PFM) Circuit Diagram



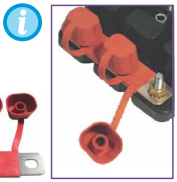
Power Fused Relay Module (PRM) Circuit Diagram



Part Number	Description
37701-1NN0025	32V Power Fuse Module (PFM)
37702-1AN0025	12V Power Relay Module (PRM)
37703-1AN0025	24V Power Relay Module (PRM)
50126K	PRM Relay Signal Connector Kit
3771BUS-2	Twin Bus Bar With Stud Covers
3771BUS-3	Triple Bus Bar With Stud Covers
3771BUS-4	Quad Bus Bar With Stud Covers
B162-7003/J	Short Joiners / Output Stud Barriers
B162-7002/J	Long Joiners / Output Stud Barriers

Scan this QR Code for more information

QR Code: 9002



RELATED PRODUCTS:

Fusible Links JTF (20A-80A)
(See page 21)

PRM Relay Signal Connector Kit
Inc terminals 0.1-1.5mm²
& cable seals 0.5-1.0mm²

Joiners / Output Stud Barriers

Bus Bar With Covers 2, 3 & 4 Way.
Multiple modules can be joined together with these optional Bus Bars.

PROLEC

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