

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 bus bar. They can also be bussed to any of Bussmann's PDMs (i.e. RTMR, VEC / DVEC)

IGNITION
PROTECTED
IP66

Power Fuse Module (PFM)

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

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



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 keep 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 3771 BUS busbars to join multiple PRMs/PFMs.

Stud insulator caps included with busbars.

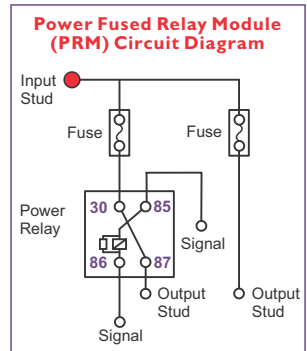
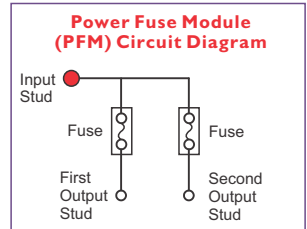
Contact sales for options to bus PRMs / PFMs to other Bussmann PDM's.

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 31171 (Ignition protected).



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



Multiple modules can be joined together with an optional Bus Bar

PRM Relay Signal Connector Kit

(Includes Terminals and cable seals)



JTF Fusible Links (20A - 60A)



Joiners / Output Stud Barriers

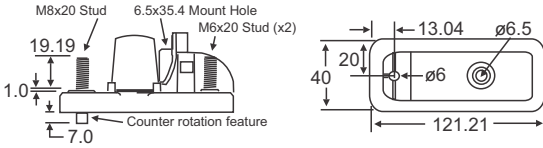


Bus Bar With Covers 2, 3 & 4 Way Options

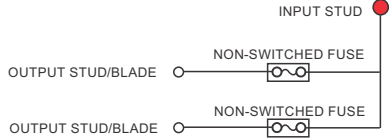
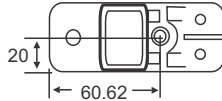
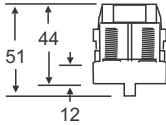


Power Fuse Module

37701

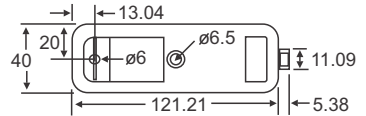
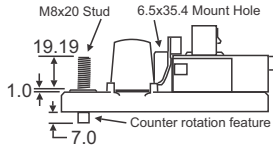


Dimensions in MM

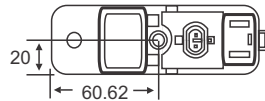
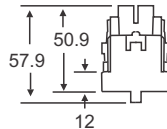


Power Relay Modules

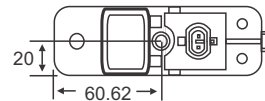
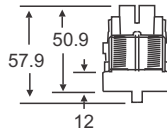
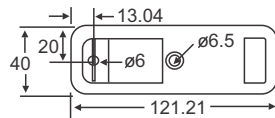
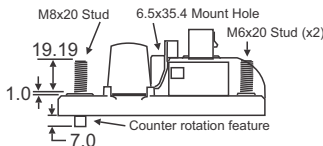
37702 / 37703



PRM Fitted With Output Connector

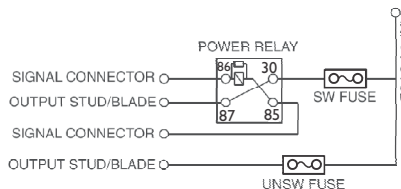


PRM Fitted With Two Output Studs



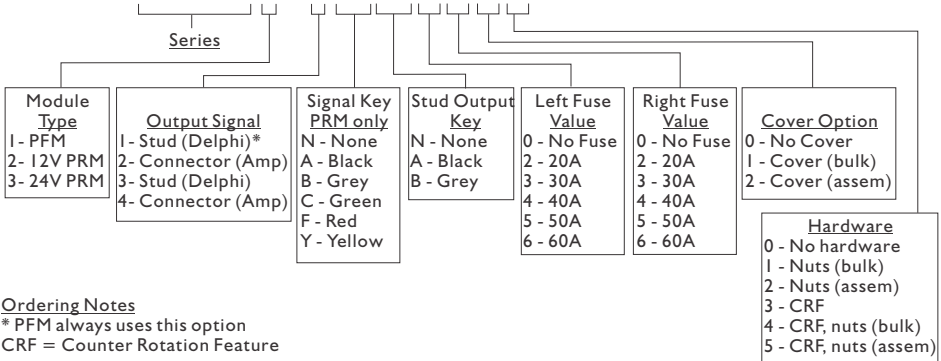
Dimensions in MM

PRM Circuit Diagram



3770I-IAN0000

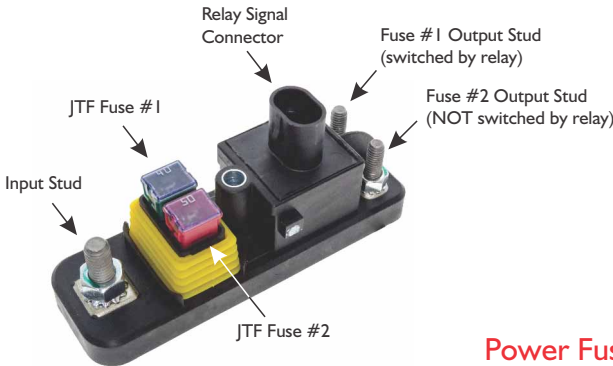
Further Factory Options
Part Number Construction



Ordering Notes

* PFM always uses this option
CRF = Counter Rotation Feature

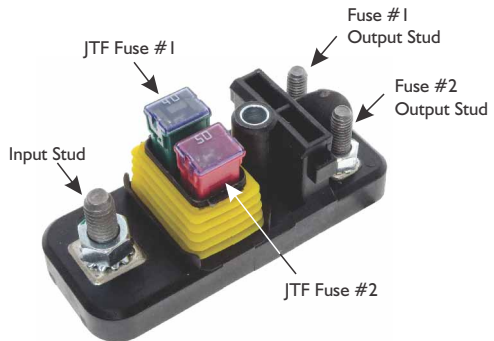
Power Relay Module (PRM)



Power Fuse Module (PFM)



Both units include a removable water tight fuse cover.



PFM / PRM 3771 BUS BAR

Part Number	Description	Dimensions	
		A	B
3771BUS-2	2 Way Bus Bar	66	41
3771BUS-3	3 Way Bus Bar	108	41
3771BUS-4	4 Way Bus Bar	150	41



2 x Power Relay module input studs bussed by one 3771BUS-2.

Body: Copper

Voltage: 58VDC

Rating: 300A

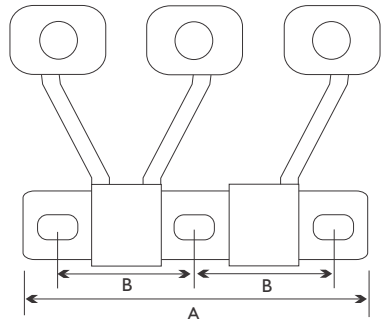
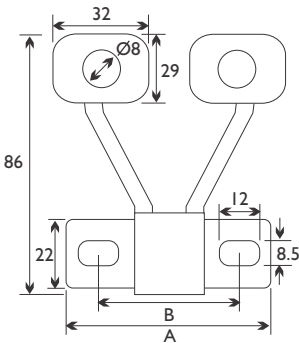
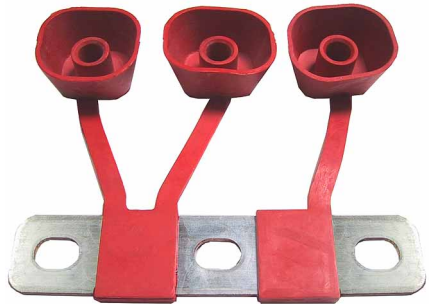
Price & Pack Size: Please contact sales .

Notes: 4 Way Bus Bar schematic not shown, contact sales for more information.

3771BUS-2



3771BUS-3



Dimensions in MM

