POWER FUSE & FUSED RELAY MODULES

Bussmann

These power distribution modules suit high current applications for placement in extreme moisture and high vibration environments. Multiple units may be connected together using a buss bar. They can also be bussed to Bussmann's other PDMs (RTMR see p.129-133, ssVEC / ssDVEC.

IGNITION PROTECTED

IP66

Power Fuse Module (PFM)
- Housing for 2 fuse positions.
- Each fuse is a separate circuit.
- Removable 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.
- Removable 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.
Input Termination: M8 threaded plated steel stud. Includes keps nuts.
Output Termination: 2 x M6 threaded plated steel studs. Inc. keps nuts.
Relay Signal Connector Kit: Only for use with PRM's. (1.0 to 1.5mm²) Crimping tool available # CT-P79 contact sales for further information.
Ingress Protection Rating: IP66 (excluding stud connections).
Mounting Option: 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 31171 (Ignition protected).



Part Number	Description
37701-1NN0011	32V Dual Fuse Only Module Without CRF (PFM)
37701-1NN0025	32V Dual Fuse Only Module With CRF (PFM)
37702-1AN0025	12V Fuse & Fused Relay Module With CRF (PRM)
37703-1AN0025	24V Fuse & Fused Relay Module With CRF (PRM)
50126K	PRM Relay Signal Connector Kit
3771BUS-2	2 Position Bus Bar With Red Stud Covers
3771BUS-3	3 Position Bus Bar With Red Stud Covers
3771BUS-4	4 Position Bus Bar With Red Stud Covers
3772BUS	Bus Bar Link joins RTMR To PRF or PRM NEW



NEW

Bus Bar Link.
RTMR input to PRF/PRM output.

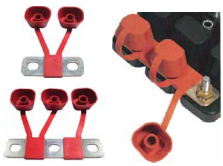
RELATED PRODUCTS:



Fusible Links JTF (20A-60A)



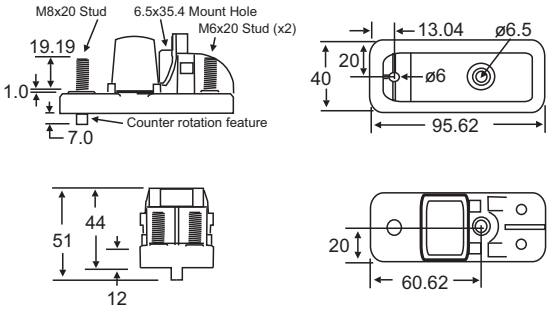
PRM Relay Signal Connector Kit Inc.
Terminals 0.75-1.5mm²
Cable seals 1.7-2.4mm



Bus Bar With Stud Covers.
Connect multiple modules together with these bus bars

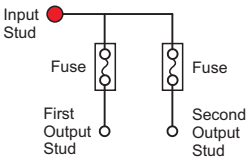
Power Fuse Module

37701



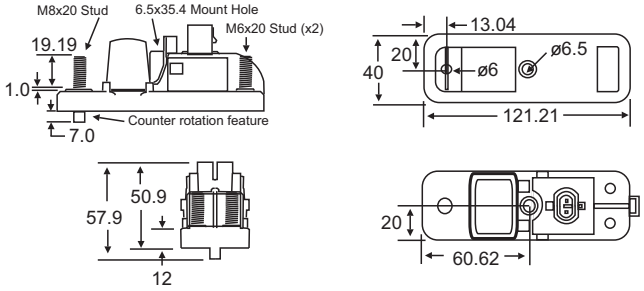
Dimensions in MM

Power Fuse Module (PFM) Circuit Diagram



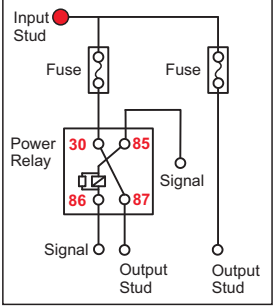
Power Relay Modules

37702 / 37703



Dimensions in MM

Power Fused Relay Module (PRM) Circuit Diagram



37701-1AN0000

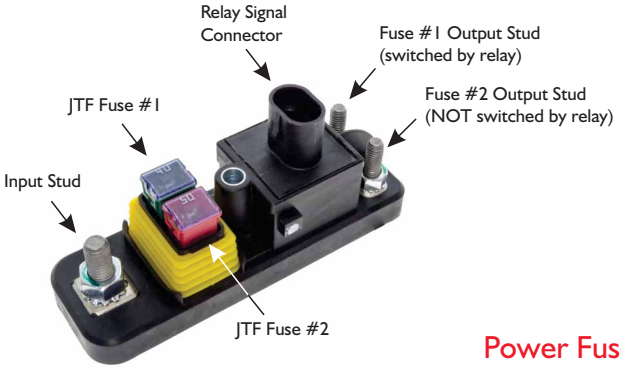
Further Factory Options
Part Number Construction

Series

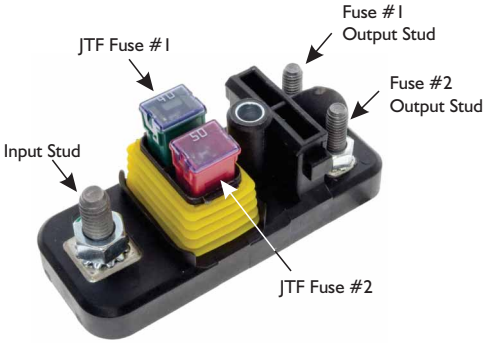
Module Type	Output Signal	Signal Key PRM only	Stud Output Key	Left Fuse Value	Right Fuse Value	Cover Option	Hardware
1- PFM 2- 12V PRM 3- 24V PRM	1- Stud (Delphi)* 2- Connector (Amp) 3- Stud (Delphi) 4- Connector (Amp)	N - None A - Black B - Grey C - Green F - Red Y - Yellow	N - None A - Black B - Grey	0 - No Fuse 2 - 20A 3 - 30A 4 - 40A 5 - 50A 6 - 60A	0 - No Fuse 2 - 20A 3 - 30A 4 - 40A 5 - 50A 6 - 60A	0 - No Cover 1 - Cover (bulk) 2 - Cover (assem)	0 - No hardware 1 - Nuts (bulk) 2 - Nuts (assem) 3 - CRF 4 - CRF, nuts (bulk) 5 - CRF, nuts (assem)

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

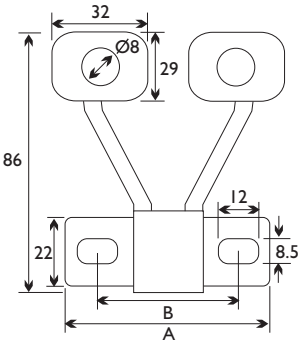


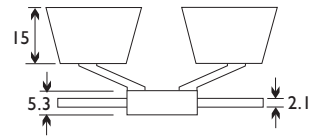
2 x Power Relay module input studs bussed by one 3771BUS-2.

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.

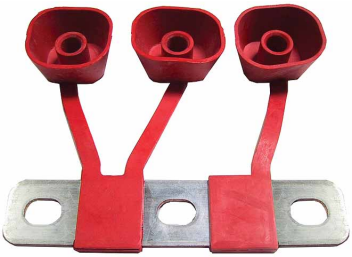
3771BUS-2

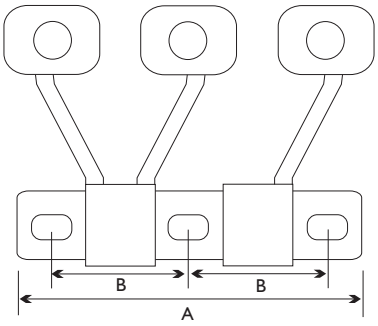






3771BUS-3





Dimensions in MM

