

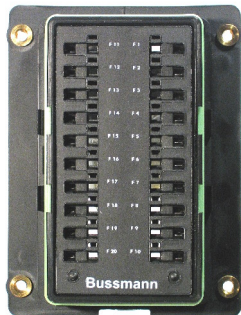
15301 Series RTMR

Rear Terminal Mini Fuse & Relay

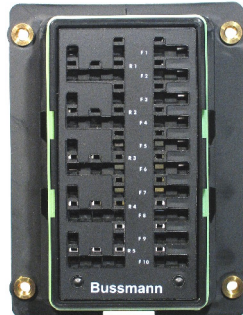
Power Distribution Module

COOPER Bussmann
Transportation Products

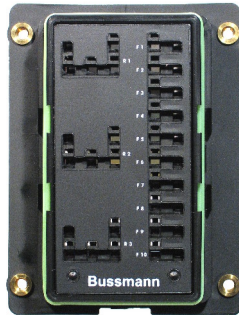
IP67* – Fuses,
breakers, and relay
versions available!



Fuse Version
(20 fuses)



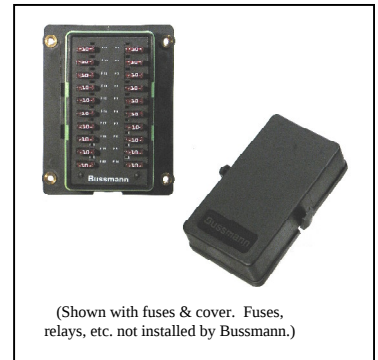
Fuse / Micro-Relay
(10 fuses & 5 relays)



Fuse / Mini-Relay
(10 fuses and 3 relays)



Non/Partially-Bussed



Cooper Bussmann offers a new power distribution module called the Rear Terminal Mini Fuse and Relay panel or the RTMR. It is designed to provide efficient power distribution in a rugged compact form with applications in marine, construction, agriculture, heavy trucking, and specialty vehicle industries. The RTMR (with cover, cable seals, and cavity plugs installed) offers a weather tight enclosure (IP 66/67) for power distribution to various MINI (2.8mm blade on 8.1mm centerline spacing) components. The RTMR is available in varying degrees of internal electrical bussing. (See sheet 2 for different bussing options.)

RTMR Product Features:

Blade terminals: Accepts ATM (MINI) blade-type fuses, circuit breakers as well as other components such as relays, diodes, flashers, etc. with 2.8mm blades on 8.1mm centerline spacing

Mounting and Torque: Threaded inserts (#10-32) for mounting: 24 in-lbs max torque
M6-1 input studs (for internally bussed versions): 75 in-lbs max torque

Material: Housing: Black UL-Rated 94 V-0 thermoplastic
Internal bus (if applicable): Tin-plated copper
Input studs (if applicable): Bright nickel-plated brass

Power Input/Output: Bussed fuse input stud: 100A max total input
Bussed relay input stud: 80A max total input
Non-bussed connections: 30A max per terminal
Optional silicone insulator caps are available for input studs.

Ambient Temperature Rating: -40°C to 125°C (rating on PDM only)

Ingress Protection Rating: IP66–IEC 529 (valid when properly installed with cover, cable seals and cavity plugs)
IP 67 [Same requirements as IP66, but also requires a periodic (every 3-9 months) coating of silicone lubricant applied to the green base seal.]

Electrical Connections: Output cavities (holes in back of unit):
Wire Size: #12-#22 AWG
Terminals: Delphi Packard Metri-Pack® 280 Series (sealed-tangless)
Cavity Plugs: Delphi Packard 280 Series cavity plug (where output wires are not used)
Input Studs (for Bussed Versions): Ring terminals for M6-1 stud

NOTES:

- 1) Cooper Bussmann does NOT supply wires, wire terminals, terminal seals or cavity plugs.
- 2) Mounting brackets offered for surface mounts.
- 3) Consult factory for options including custom labels and replacement accessories.

15301 Series RTMR

Rear Terminal Mini Fuse & Relay

Power Distribution Module



Part Numbering System

Series	Base	Hardware	Cover	(Marking)
15301 (Bussed)	1 Fuse/CB Base Fuse: 20 bussed positions (10 per side)	-	-	-
15301 (Bussed)	2 Micro-Relay Base Relay: 5 bussed micro-relays; Fuse: 10 bussed positions	-	-	-
15301 (Bussed)	3 Mini-Relay Base Relay: 3 bussed mini/micro-relays; Fuse: 10 bussed positions	-	-	-
15301 (Non-Bussed)	4 Non-Bussed Base Relay: 3 mini/5 micro/10 fuses/cb's (non-bussed); Fuse: 10 non-bussed positions	-	-	-
15301 (Partially-Bussed)	5 Partial Bus - Fuse Relay: 3 mini/5 micro-relays (non-bussed); Fuse: 10 bussed positions	-	-	-
15301 (Partially-Bussed)	6 Partial Bus - Relay Relay: 3 mini/5 micro-relays (bussed); Fuse: 10 non-bussed positions	-	-	-

0 – No hardware 4 – No nuts; Insulator Caps asmbld 0 – No cover
 1 – Nuts bulk 5 – Nuts & insulator caps bulk 1 – Fuse cover
 2 – Nuts assembled 6 – Nuts & insulator caps asmbld 2 – Relay/circuit breaker cover
 3 – No nuts; Insulator caps bulk

Blank – Standard
(Consult factory for special marking options.)

