

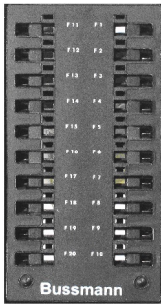
15300 Series RTMR

Rear Terminal Mini Fuse & Relay

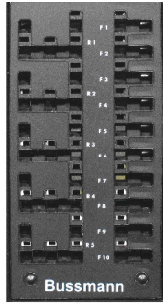
Power Distribution Module

COOPER Bussmann
Transportation Products

IP66



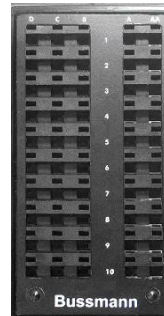
Fuse Version



Fuse/Micro-Relay



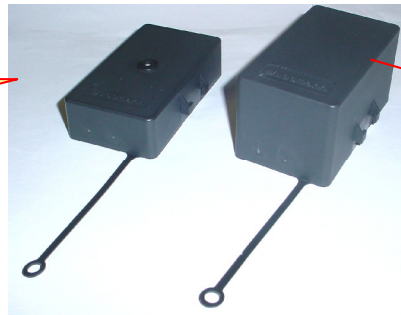
Fuse/Mini-Relay



Non/Partially-Bussed



*New & Improved
cover latch design
featuring tether!*



*Tall cover now
accommodates
Type III circuit
breakers!*

Cooper Bussmann Transportation Products offers a power distribution module called the Rear Terminal Mini Fuse and Relay panel (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) 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 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 or M5) for mounting: 24 in-lbs (2.7Nm) max torque
M6 input studs (for internally bussed versions): 75 in-lbs (8.5Nm) max torque

Material: Housing and cover: Black 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.

Temperature Rating: -40°C (-40°F) to 125°C (260°F) (rating on PDM only)

Ingress Protection Rating: IP66-IEC 529 (valid when properly installed with cover, cable seals and cavity plugs).
Contact factory for specific IP test specifications applicable to RTMR.

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.

15300 Series RTMR

Rear Terminal Mini Fuse & Relay

Power Distribution Module



Part Numbering System

Series/

Mounting

1530

- 3 – 10-32 inserts
- 4 – M5 inserts

Base

- 1 – Fuse/CB Base
20 bussed fuses
(10 per side)
- 2 – Micro-Relay Base
5 micro-relays w/
10 fuses/CBs
- 3 – Mini-Relay Base
3 mini/micro relays
w/10 fuses/CBs
- 4 – Non-Bussed Base
- 5 – Partially-Bussed Base
5 unbussed relays w/
10 bussed fuses/CBs
- 6 – Partially-Bussed Base
5 bussed relays w/
10 unbussed fuses/CBs

Hardware Options

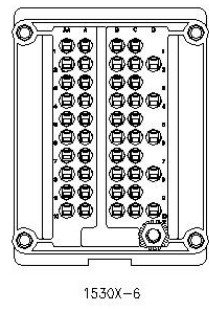
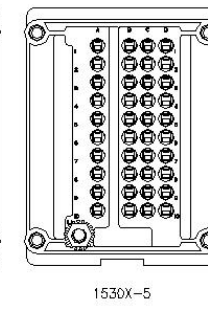
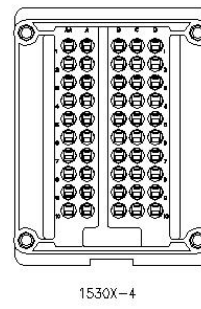
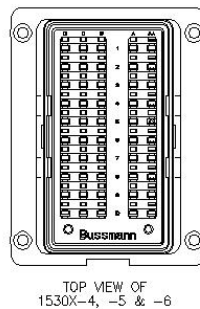
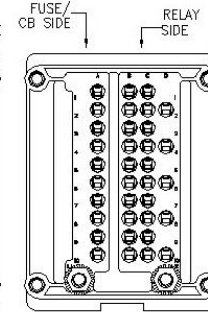
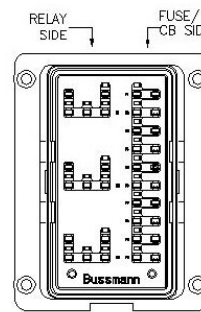
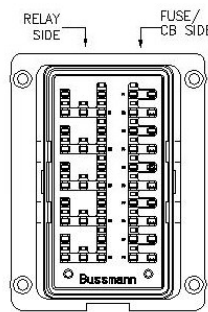
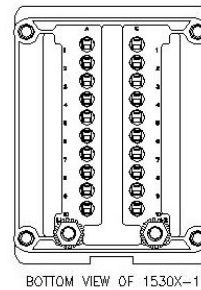
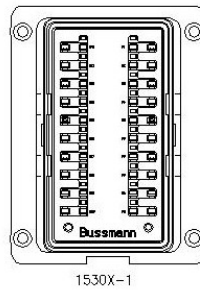
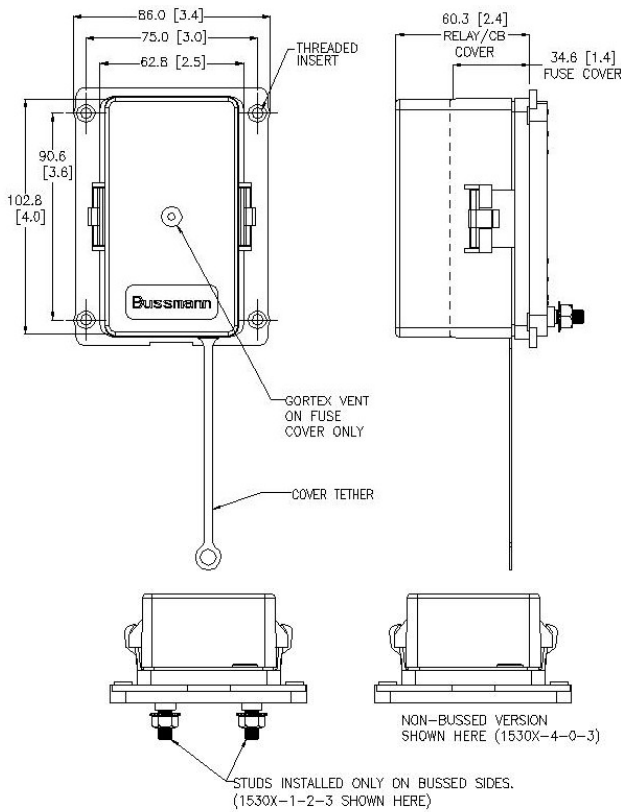
- 0 – No hardware
- 1 – Nuts bulk
- 2 – Nuts assembled
- 3 – End caps bulk
- 4 – End caps assembled
- 5 – Nuts & End caps bulk
- 6 – Nuts & End caps assembled

Cover Options

- 0 – No cover
- 3 – Fuse Cover
- 4 – Relay/CB Cover

Marking Options

Consult factory for custom marking option.



RTMR OPTIONS

