



Rear Terminal Mini Fuse & Relay

The Rear Terminal Mini Fuse and Relay panel (RTMR) provides efficient power distribution in a rugged compact form for applications in marine, construction, agriculture, heavy trucking, specialty vehicles, etc. This innovative product offers a weather tight enclosure (IP66) for various MINI (2.8mm) blade components when cover, cable seals, and cavity plugs are installed. It is available with various degrees of internal electrical bussing. Additionally, custom labels and multiple hardware configurations are available to solve any application need.

Specifications

Input Terminal Rating: M6 input studs on bussed/partially bussed inputs: 80A max input on bussed fuse side, 80A max input on bussed relay side.

Output Terminal Rating: 2.8mm blade terminals (30A max per terminal)

Temperature Rating: 2.8mm blade terminals (30A max per terminal)

Materials: Black thermoplastic housing; Tin-plated copper internal bussing; Bright nickel-plated brass studs (on bussed versions).

Termination: Delphi Packard Metri-Pack® 280 Series terminals (sealed/**tangleless**) or AMP® terminals.* Delphi Packard 280 Series cavity plugs are installed where wires are not used.* Accepts #12-22 AWG wire sizes.

*Electrical terminals, cable seals & cavity plugs are NOT supplied by Cooper Bussmann

Torque Rating: 50 in-lbs (5.5N•m) max.

Mounting Torque Rating: #10-32 or M5 threaded inserts; 24 in-lbs (2.7N•m) max torque.

Ingress Protection Rating: IP66-IEC 60529 (Valid when properly installed with cover, sealed terminals, and cavity plugs.)

Options

End Caps: Protective silicone end caps available for studded versions.

Mounting: Mounting brackets available for surface-mounting RTMR. (See page 39.)

Labels: Consult factory for custom label options.

Replacement Accessories: Consult factory for available service parts.

COOPER Bussmann

Technical drawing of the Bussmann 15304-4 fuse box, showing front and side views with dimensions in inches and millimeters.

Front View Dimensions:

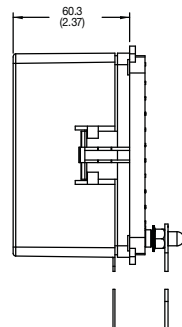
- Overall Width: 86.0 (3.39)
- Internal Width: 75.0 (2.95)
- Overall Height: 112.8 (4.44)
- Internal Height: 90.6 (3.57)

Side View Dimensions:

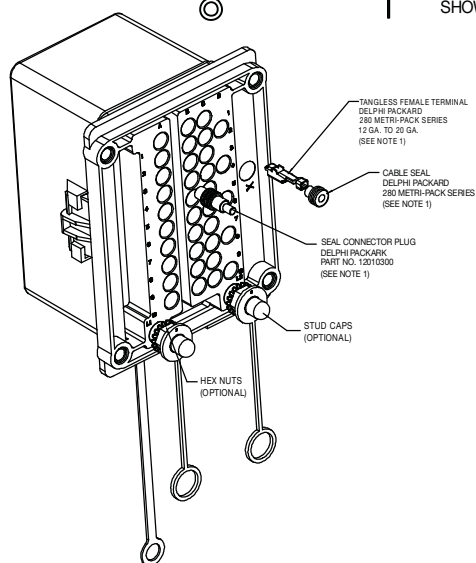
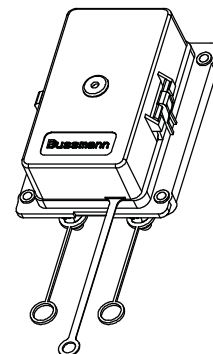
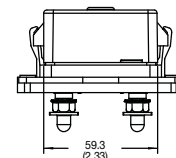
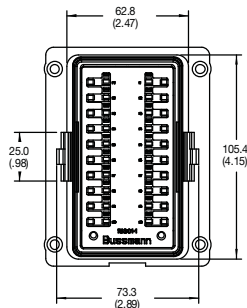
- Overall Depth: 34.6 (1.36)
- Internal Depth: 106.3 (4.19)

Labels and Callouts:

- THREADED INSERT** 15303-3 #10-32 INSERT 15304-4 M5 X 0.8 INSERT
- GORE AUTOMOTIVE VENT USED WITH FUSE COVER ONLY**
- FUSE COVER SHOWN**

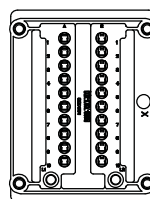


RELAY/C.B.
COVER
SHOWN

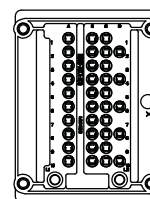


ISOMETRIC VIEW
SCALE: 1:1

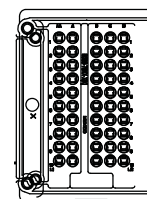
- NOTES:
1. OUTPUT TERMINALS, CABLE SLIPS AND SEALED CONNECTION PLUGS ARE NOT PROVIDED BY OCEAN BUSINESSMAN
 2. MOUNTING THROUGH INSERTS (H03 UN) OR (M03 UN)
 3. 14 INLDS MAX TORQUE INPUT STUDS M03 X 1.75 INLDS. MAX
 4. HOUSING 24VDC (H03 UN) 14 INLDS.
 5. INTERNAL BRASSING 10 IN LATED COMPLY
 6. DIMENSIONS PROVIDED ARE FOR REFERENCE ONLY.
 7. IF PIPING 1/8" FEMALE SIZE VALID WHEN COVERED AND SEALED TERMINALS AND SEALED CONNECTION PLUGS ARE PROVIDED
 8. INTERNAL, IN ORDER TO MAINTAIN A PROPER RATING IT IS RECOMMENDED THAT THE CONSUMABLES BE REPLACED WITH A HEAVY DUTY SILICONE LUBRICANT (EX: KROBOL OR EQUIV) TO THE PUMP HOUSING GASKET.
 9. TERMINAL REMOVAL TOOL: DELPHI PART NO. 1200440



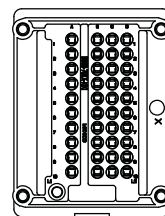
BOTTOM VIEW
1530X-1-X-X
FUSE BASE



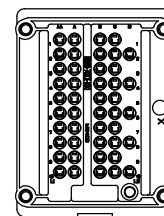
BOTTOM VIEW
1530X-2-X-X
1530X-3-X-X
MICRO/MINI BASE



BOTTOM VIEW
1530X-4-X-X
WIRED BASE
(NO POWER BUSES)



BOTTOM VIEW
 1530X-5-X-X
 WIRED BASE
 (FUSE SIDE BUSS)



BOTTOM VIEW
1530X-6-X-X
WIRED BASE
(RELAY SIDE BUSS)

1 5 3 0

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- ## Hardware Options



- ## Cover Options



- ### Marking Options



- ## Mounting Brackets



Material



- RTMR Stud End Cap



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