

Series 15300 RTMR



Power distribution

PDM

15300 RTMR



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

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**). * 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 Eaton

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 41.)

Labels: Consult factory for custom label options.

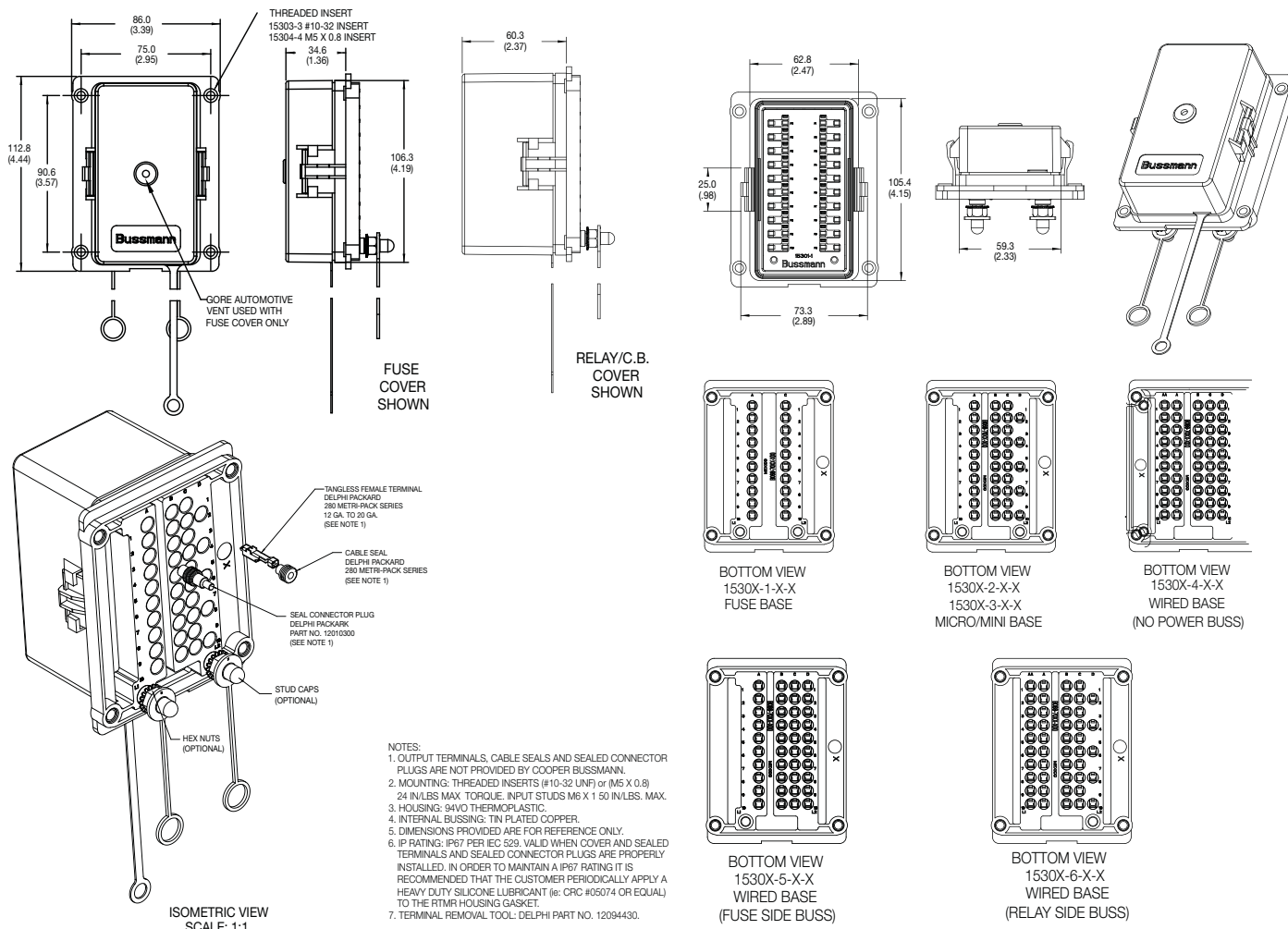
Replacement Accessories: Consult factory for available service parts.

Cover Marking: Laser etching on inside, outside, or both

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Dimensions - mm(in)

(Dims. shown are for reference only. Consult factory for latest prints)



Part Numbering System

Series	Mounting	Base Options	Hardware Options	Cover Options	Marking Options
1 5 3 0	—				
3 - #10-32 Insert (English)		1 - Fuse/C.B. Base (For 20 Fuses/C.B.)	0 - No Nuts	0 - No Cover	Special Labels
4 - M5x0.8 Insert (Metric)		2 - Micro Relay Base (For 5 Micro Relays W/ 10 Fuses/C.B.)*	1 - Nuts (Shipped Bulk)	3 - Fuse Cover	Consult Factory
		3 - Mini Relay Base (For 3 Mini Relays W/10 Fuses/C.B.)*	2 - Nuts (Shipped Assembled)	4 - Relay/c.b. Cover	
		4 - Wired Base (Non Bussed) (No Input Studs) (For Fuses/C.B. And Relays)	2 - Nuts (Shipped Assembled)		
		5 - Wired Base (Input Stud Fuse Side Only) (For Fuses/C.B. And Relays)	3 - Stud Caps (Shipped Bulk)		
		6 - Wired Base (Input Stud Relay Side Only) (For Fuses/C.B. And Relays)*	4 - Stud Caps (Shipped Assembled)		
		*Input stud bussed to pin 86 on relay	5 - Nuts And Stud Caps (Shipped Bulk)		
			6 - Nuts And Stud Caps (Shipped Assembled)		

RTMR Stud End Cap

B 0 6 6 — 7 0 0 8

Mounting Brackets

B 0 2 8 7 0 1 2 —

Material

O - Plated steel
P - Stainless steel

Latch Position Assurance

1 5 3 0 0 — L P

Mouser Electronics

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[15303-4-0-4](#) [15303-2-2-4](#)