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/tangless).* 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

**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

**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.)
### Part Numbering System

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<td>15300</td>
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<tr>
<td>1 - #10-32 Insert (English)</td>
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<td>1 - Fuse/C.B. Base (For 20 Fuses/C.B.)</td>
<td>0 - No Nuts</td>
<td>0 - No Cover</td>
<td>Special Labels</td>
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<tr>
<td>3 - #10-32 Insert (English)</td>
<td>-</td>
<td>2 - Micro Relay Base (For 5 Micro Relays W/ 10 Fuses/C.B.)</td>
<td>1 - Nuts (Shipped Bulk)</td>
<td>3 - Fuse Cover</td>
<td>Consult Factory</td>
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<tr>
<td>4 - M5x0.8 Insert (Metric)</td>
<td>-</td>
<td>3 - Mini Relay Base (For 3 Mini Relays W/10 Fuses/C.B.)</td>
<td>2 - Nuts (Shipped Assembled)</td>
<td>4 - Relay/c.b. Cover</td>
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<tr>
<td>5 - Stud Caps</td>
<td>-</td>
<td>4 - Wired Base (Non-Bussed) (No Input Studs) (For Fuses/C.B. And Relays)</td>
<td>3 - Stud Caps (Shipped Bulk)</td>
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<tr>
<td>6 - Stud Caps</td>
<td>-</td>
<td>5 - Wired Base (Input Stud Fuse Side Only) (For Fuses/C.B. And Relays)</td>
<td>4 - Stud Caps (Shipped Assembled)</td>
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<tr>
<td>7 - Wired Base (Input Stud Relay Side Only) (For Fuses/C.B. And Relays)</td>
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<td>6 - Wired Base (Input Stud Relay Side Only) (For Fuses/C.B. And Relays)</td>
<td>5 - Nuts And Stud Caps (Shipped Bulk)</td>
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</table>

#### RTMR Stud End Cap

**B066** - 7008

#### Mounting Brackets

**B028** 7012

#### Material

- O - Plated steel
- P - Stainless steel

#### Latch Position Assurance

**15300** - L1P

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**Notes:**

1. Output terminals, cable seals and sealed connector plugs are not provided by Cooper Bussmann.
2. Mounting: threaded inserts (#10-32 UNF) or (M5 X 0.8). 24 in/lbs max. torque. Input studs M6 X 1. 50 in/lbs max.
3. Housing: 94VO thermoplastic.
4. Internal bussing: tin plated copper.
5. Dimensions provided are for reference only.
6. Ratings: #10-32 threaded insert bussed to pin 86 on relay.

**Hardware Options:**

- 0 - No Nuts
- 1 - Nuts (Shipped Bulk)
- 2 - Nuts (Shipped Assembled)
- 3 - Stud Caps (Shipped Bulk)
- 4 - Stud Caps (Shipped Assembled)
- 5 - Nuts And Stud Caps (Shipped Bulk)
- 6 - Nuts And Stud Caps (Shipped Assembled)

**Cover Options:**

- 0 - No Cover
- 1 - Fuse Cover
- 3 - Fuse Cover
- 4 - Relay/c.b. Cover

**Marking Options:**

- Special Labels
- Consult Factory

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**Dimensions - mm (in):**

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

**ISOMETRIC VIEW SCALE: 1:1**

**BASE OPTIONS**

- Fuse Cover Shown
- Relay/C.B. Cover Shown
- Bottom View 1530X-1-X-X Fusible Base
- Bottom View 1530X-2-X-X Micro Relay/C.B. Base
- Bottom View 1530X-3-X-X Mini Relay/C.B. Base
- Bottom View 1530X-4-X-X Wired Base (Non Bussed)
- Bottom View 1530X-5-X-X Wired Base (Fuse Side Bussed)
- Bottom View 1530X-6-X-X Wired Base (Relay Side Bussed)