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-tangleless)
  - 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

<table>
<thead>
<tr>
<th>Series/</th>
<th>Base</th>
<th>Hardware Options</th>
<th>Cover Options</th>
<th>Marking Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1530</td>
<td>-</td>
<td></td>
<td>0 – No hardware</td>
<td></td>
</tr>
<tr>
<td>3 – 10-32 inserts</td>
<td>1 – Fuse/CB Base</td>
<td>1 – Nuts bulk</td>
<td>3 – Fuse Cover</td>
<td></td>
</tr>
<tr>
<td>4 – M5 inserts</td>
<td>2 – Micro-Relay Base</td>
<td>2 – Nuts assembled</td>
<td>4 – Relay/CB Cover</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 – Mini-Relay Base</td>
<td>3 – End caps bulk</td>
<td></td>
<td>Consult factory for custom marking option.</td>
</tr>
<tr>
<td></td>
<td>4 – Non-Bussed Base</td>
<td>4 – End caps assembled</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 – Partially-Bussed Base</td>
<td>5 – Nuts &amp; End caps bulk</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 – Partially-Bussed Base</td>
<td>6 – Nuts &amp; End caps assembled</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Cooper Bussmann Transportation Products • 175 Hansen Court • Wood Dale, IL 60191-1145
Customer Satisfaction Phone: 888-867-8194 • Technical Support Phone: 888-478-8324 • Fax: 800-832-9873

Rev 12-06