Class CC and supplemental modular ferrule fuse blocks

Description:
BCM (Class CC) and BMM (supplemental 13/32 x 1-1/2” /10x38) modular style fuse blocks with optional covers.
These Bussmann series fuse blocks contain multiple features to add versatility, reduce labor and enhance safety of any panel design.

Specifications
Ratings:
• Volts 600 Vac/dc
• Amps up to 30A
• SCCR up to 200kA (limited by fuse interrupting rating)
Agency information:
• Class CC BCM Series
  • UL Listed File E14853, Guide IZLT
  • CSA Certified 47235-6225-01
  • CE
  • RoHS Compliant
• 13/32” x 1-1/2” (Midget) BMM Series
  • UL Recognized File E14853, Guide IZLT2
  • CSA Certified 47235-6225-01
  • CE
  • RoHS Compliant

Features and benefits:
• Covers
  • Covers are included in the overall UL Listing/ Recognition and CSA Certification
  • IP20 finger-safe
  • RoHS Compliant

Poles:
• 1-, 2-, 3-pole units factory assembled
• Single-pole units snap together to create desired number of poles

Flammability ratings:
• Blocks — UL 94V0, self-extinguishing
• Covers — UL 94HB, self-extinguishing

Flame retardant:
• Blocks — UL 94V0, self-extinguishing
• Covers — UL 94HB, self-extinguishing

Features and benefits:
• Available in 1-, 2- and 3-pole configurations to meet stocking requirements.
• Blocks are fully modular with a snap-together design that provides tool-less assembly of multiple pole blocks at point-of-use to reduce inventory and save assembly time and labor.
• DIN-Rail and panel mount versatility allows one product to be used for multiple applications, lowering inventory cost.
• Compact footprint consumes minimal panel space.
• Optional see-through cover enhances safety with IP20 finger-safe protection, lockout/tagout capability and open circuit indication.
• Easy circuit identification with available universal marker labels for fuse block covers.
• Tin-plated bimetallic copper fuse clips deliver superior fatigue resistance compared to traditional spring brass.
• Terminal options to meet application needs including 1/4” spade quick connect terminals for faster panel assembly.

Operating and storage temperature range:
• Blocks -40°C to +120°C
• Non indicating covers -40°C to +120°C
• Indicating covers -20°C to +90°C

* Indication requires 90Vac/dc and closed circuit to illuminate.
Technical Data 10241
Effective October 2019

Materials:
- Base — Thermoplastic
- Terminals — Tin-plated bimetallic copper
- Covers — Thermostatic
- Screws and pressure plates — Zinc-plated steel

Cover catalog numbers:
- For blocks with quick connect terminals — CVR(I)-CCM-QC
- All other terminal options — CVR(I)-CCM

Table 1. Terminal specifications

<table>
<thead>
<tr>
<th>Terminal type</th>
<th>75/90°C AWG</th>
<th>AWG</th>
<th>Torque lb-in (N•m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box lug (C)</td>
<td>CU 2-14</td>
<td>3</td>
<td>50 (6.6)</td>
</tr>
<tr>
<td></td>
<td>AL 2-8</td>
<td>3</td>
<td>45 (6.1)</td>
</tr>
<tr>
<td>Screw (S)</td>
<td>CU 2-3</td>
<td>50 (6.6)</td>
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</tr>
<tr>
<td>Screw/quick connect* (SQ)</td>
<td>CU 4-6</td>
<td>45 (6.1)</td>
<td></td>
</tr>
<tr>
<td>Pressure plate (P)</td>
<td>CU 8-14</td>
<td>35 (4.0)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AL 8</td>
<td>50 (6.6)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AL 10-18</td>
<td>40 (4.5)</td>
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</tbody>
</table>

Table 2. Recommended covers*

<table>
<thead>
<tr>
<th>Terminal type</th>
<th>Cover catalog numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicating</td>
<td>Non indicating</td>
</tr>
<tr>
<td>Box lug (C)</td>
<td>CVR-I-CCM</td>
</tr>
<tr>
<td>Screw (S)</td>
<td>CVRI-CCM</td>
</tr>
<tr>
<td>Screw/quick connect (SQ)</td>
<td>CVRI-CCM-QC</td>
</tr>
<tr>
<td>Pressure plate (P)</td>
<td>CVRI-CCM</td>
</tr>
<tr>
<td>Pressure plate/quick connect (PQ)</td>
<td>CVRI-CCM-QC</td>
</tr>
</tbody>
</table>

* ¼" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

Recommended Bussmann series fuses:
- Class CC
  - Ultimate protection time-delay Low-Peak LP-CC, data sheet No. 1023
  - Advanced protection time-delay Limitron FNQ-R, data sheet No. 1014
  - Advanced protection fast-acting Limitron KTK-R, data sheet No. 1015
- 13/32" x 1-1/2" (midget)
  - Fast-acting 250Vac BAF, data sheet No. 2011
  - Fast-acting 600Vac KTK, data sheet No. 1011
  - Fast-acting 600Vac/dc KLM, data sheet No. 2028
  - Time-delay 250Vac FNM, data sheet No. 1012
  - Time-delay 500Vac FNQ, data sheet No. 1012
- 10x38mm (IEC)
  - Class aM and gG/gl IEC industrial fuses, data sheet No. 720115

Recommended Bussmann series DIN-Rail end stops:
- Cat. no. BRKT-ND
- Cat. no. BRKT-NDSCREW2

Table 3. Catalog numbers

<table>
<thead>
<tr>
<th>Terminal type</th>
<th>#10-32 Phil-slot screw</th>
<th>Screw with quick connect*</th>
<th>Pressure plate</th>
<th>Pressure plate with quick connect*</th>
<th>Box lug</th>
<th>Poles</th>
<th>Fuse class</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCM603-1S</td>
<td>BCM603-1SQ</td>
<td>BCM603-1P</td>
<td>BCM603-1PQ</td>
<td>BCM603-1C</td>
<td>1</td>
<td>CC</td>
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<tr>
<td>BCM603-2S</td>
<td>BCM603-2SQ</td>
<td>BCM603-2P</td>
<td>BCM603-2PQ</td>
<td>BCM603-2C</td>
<td>2</td>
<td>CC</td>
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<tr>
<td>BCM603-3S</td>
<td>BCM603-3SQ</td>
<td>BCM603-3P</td>
<td>BCM603-3PQ</td>
<td>BCM603-3C</td>
<td>3</td>
<td>CC</td>
<td></td>
</tr>
<tr>
<td>BMM603-1S</td>
<td>BMM603-1SQ</td>
<td>—</td>
<td>BMM603-1PQ</td>
<td>BMM603-1C</td>
<td>1</td>
<td>10x38 (13/32&quot;x1-1/2&quot;)</td>
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</tr>
<tr>
<td>BMM603-2S</td>
<td>BMM603-2SQ</td>
<td>—</td>
<td>BMM603-2PQ</td>
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</tr>
</tbody>
</table>

* For use with 4AWG max conductors.

* ¼" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.
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Dimensions - mm (in)

With cover.
See Table 3 for available covers.