

Class CC and supplemental modular ferrule fuse blocks

RoHS



Product description:

BCM (Class CC) and BMM (supplemental 13/32 x 1-1/2" /10x38) modular style fuse blocks with optional covers.

These new Bussmann fuse blocks contain multiple features to add versatility, reduce labor and enhance safety of any panel design.

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.

Specifications



Ratings:

- Volts 600V
- Amps up to 30A
- Withstand 200kA RMS Sym

Agency information:

Class CC BCM Series

- UL Listed E14853 - IZLT
- CSA Certified 47235-6225-01
- CE
- RoHS Compliant
- Conflict mineral free
- REACH declaration available upon request

13/32" x 1-1/2" (Midget) BMM Series

- UL Recognized E14853 - IZLT2
- CSA Certified 47235-6225-01
- CE
- RoHS Compliant
- Conflict mineral free
- REACH declaration available upon request

Covers:

- Covers are included in the overall UL Listing/Recognition and CSA Certification
- IP20 finger-safe
- RoHS Compliant
- REACH declaration available upon request

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

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 minimum 90Vac/dc and closed circuit to illuminate.

Materials:

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

Cover Part Numbers:

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

Marker labels:

- Use Bussmann part number TM26CB

Recommended Bussmann 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. 2020
- Time-delay 250Vac FNM, data sheet No. 2028
- Time-delay 500Vac FNQ, data sheet No. 1012

10x38mm (IEC)

- Class aM and gG/gL IEC industrial fuses, data sheet No. 720115

Recommended Bussmann DIN-Rail end stops:

- Part No. BRKT-ND
- Part No. BRKT-NDSCREW2

Table 1. Catalog numbers

| #10-32 Phil-slot screw | Terminal type | | | | Poles | Fuse class |
|---------------------------|------------------------------|----------------|---------------------------------------|-----------|-------|---|
| | Screw with quick connect* | Pressure plate | Pressure plate with quick connect* | Box lug | | |
| BCM603-1S | BCM603-1SQ | BCM603-1P | BCM603-1PQ | BCM603-1C | 1 | CC |
| BCM603-2S | BCM603-2SQ | BCM603-2P | BCM603-2PQ | BCM603-2C | 2 | CC |
| BCM603-3S | BCM603-3SQ | BCM603-3P | BCM603-3PQ | BCM603-3C | 3 | CC |
| — | BMM603-1SQ | — | BMM603-1PQ | BMM603-1C | 1 | 10x38 (13/32"x1-1/2") |
| — | BMM603-2SQ | — | BMM603-2PQ | BMM603-2C | 2 | 10x38 (13/32"x1-1/2") |
| — | BMM603-3SQ | — | BMM603-3PQ | BMM603-3C | 3 | 10x38 (13/32"x1-1/2") |
| — | BCCMM603-3SQ | — | BCCMM603-3PQ | — | 3 | 3-Pole control circuit transformer block 2-pole CC with 1-pole 10x38 (13/32"x1-1/2") |

* 1/4" Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

Dimensions - mm (in)

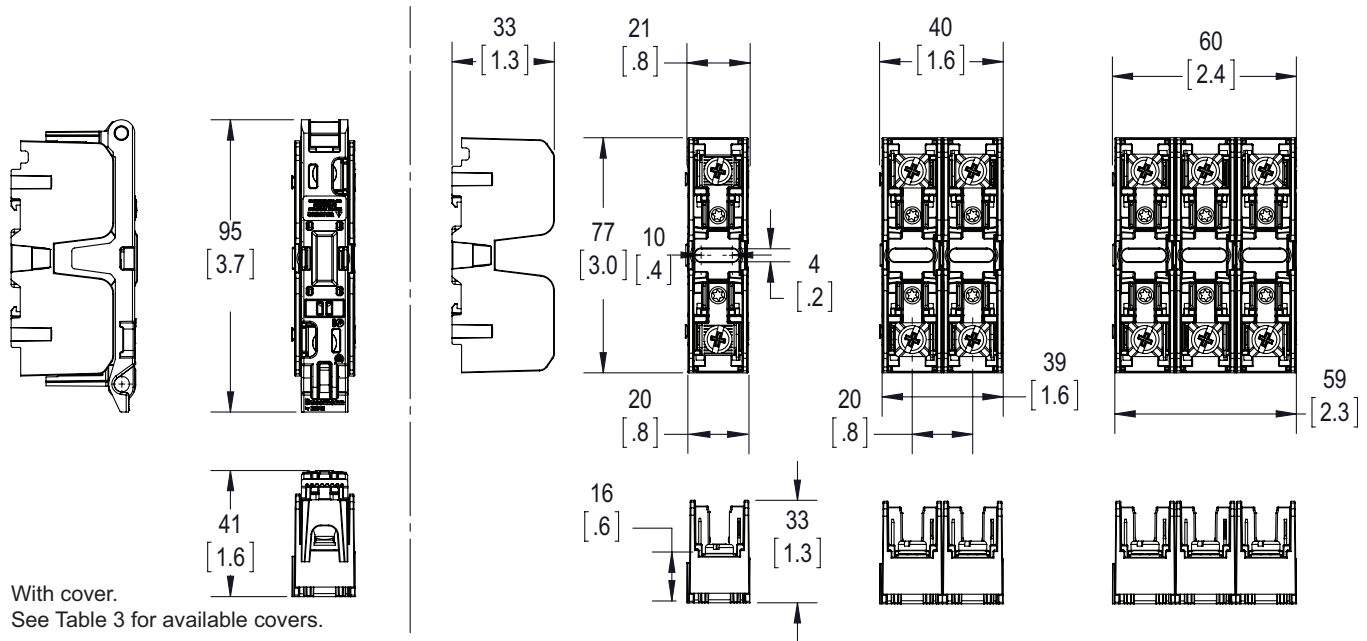


Table 2. Terminal specifications

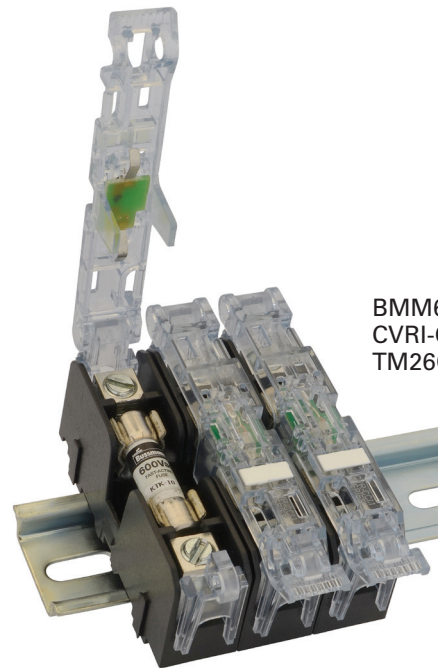
| Terminal type | 75/90°C AWG type/ range | Torque | |
|--|-------------------------------|---------|-------------|
| | | AWG | lb-in (N·m) |
| Box lug (C) | CU 2-14 AL 2-8 | CU 2-3 | 50 (5.6) |
| | | CU 4-6 | 45 (5.1) |
| | | CU 8-14 | 35 (4.0) |
| | | AL 2-6 | 50 (5.6) |
| | | AL 8 | 40 (4.5) |
| Screw (S) | | | |
| Screw/quick connect* (SQ) | | | |
| Pressure plate (P) | CU 10-18 | 10-18 | 20 (2.3) |
| Pressure plate/ quick connect* (PQ) | | | |

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

Table 3. Recommended covers*

| Terminal type | Cover part numbers | |
|-----------------------------------|--------------------|----------------|
| | Indicating | Non indicating |
| Box lug (C) | CVRI-CCM | CVR-CCM |
| Screw (S) | CVRI-CCM | CVR-CCM |
| Screw/quick connect (SQ) | CVRI-CCM-QC | CVR-CCM-QC |
| Pressure plate (P) | CVRI-CCM | CVR-CCM |
| Pressure plate/quick connect (PQ) | CVRI-CCM-QC | CVR-CCM-QC |

* For use with 4AWG max conductors.



BMM603-3C with
CVRI-CCM covers and
TM26CB marker labels

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