

## 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<br>Phil-slot screw | Terminal type                |                |                                       |           | Poles | Fuse class  |
|---------------------------|------------------------------|----------------|---------------------------------------|-----------|-------|---|
|                           | Screw with<br>quick connect* | Pressure plate | Pressure plate with<br>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<br>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)

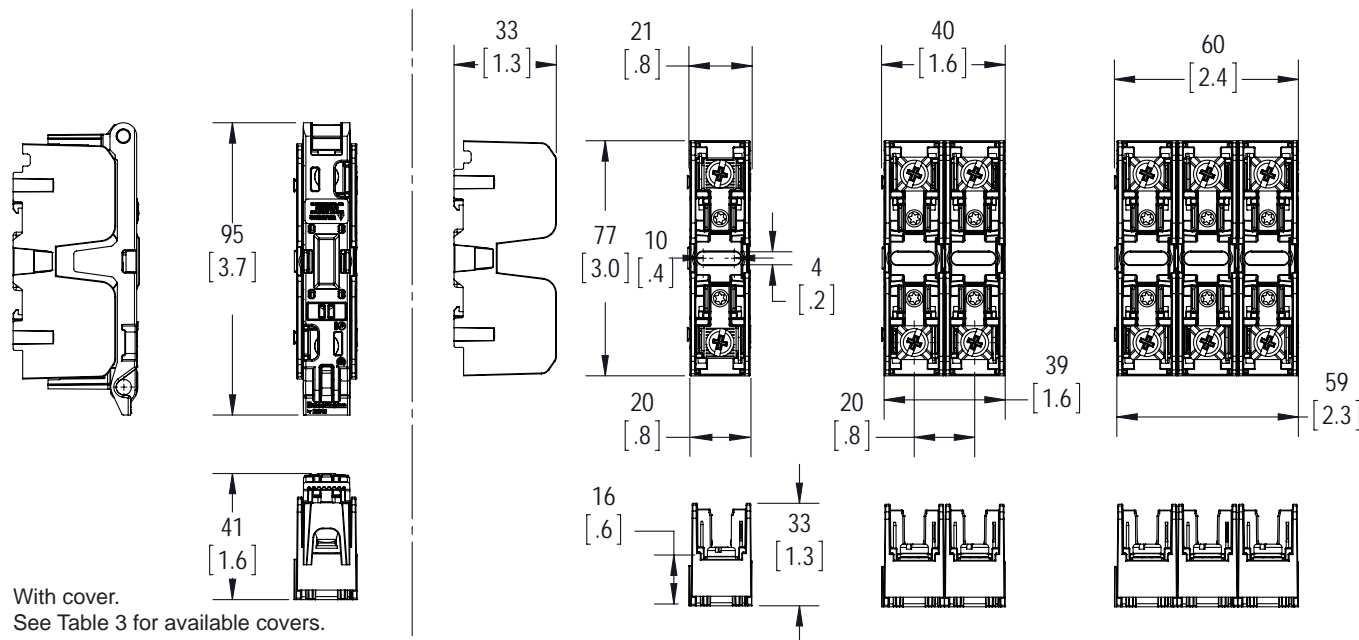


Table 2. Terminal specifications

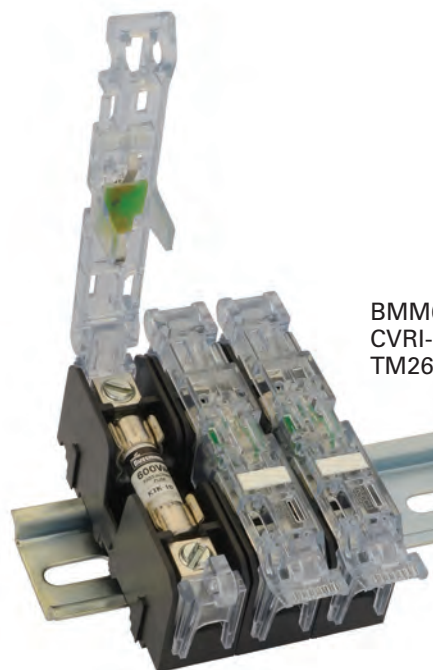
| Terminal type                          | 75/90°C<br>AWG type/<br>range | Torque  |             |
|--|-------------------------------|---------|-------------|
|  |                               | AWG     | lb-in (N·m) |
| Box lug (C)                            | CU 2-14<br>AL 2-8             | CU 2-3  | 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/<br>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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Publication No. 10241 - BU-SB14605  
August 2014

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