

# Class CC and supplemental

## Modular ferrule fuse blocks



### 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® series 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.
- Patented rejection feature on Class CC fuse blocks reduces temperature rise by up to 30%.

**Specifications**

**Ratings:**

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

**Agency information:**

Class CC BCM

- 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

- 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 series part number TM26CB

**Recommended Bussmann series fuses:**

Class CC

- Ultimate protection time-delay Low-Peak™ LP-CC, data sheet No. 1023
- Advanced protection time-delay Limitron™ FNO-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 FNO, 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:**

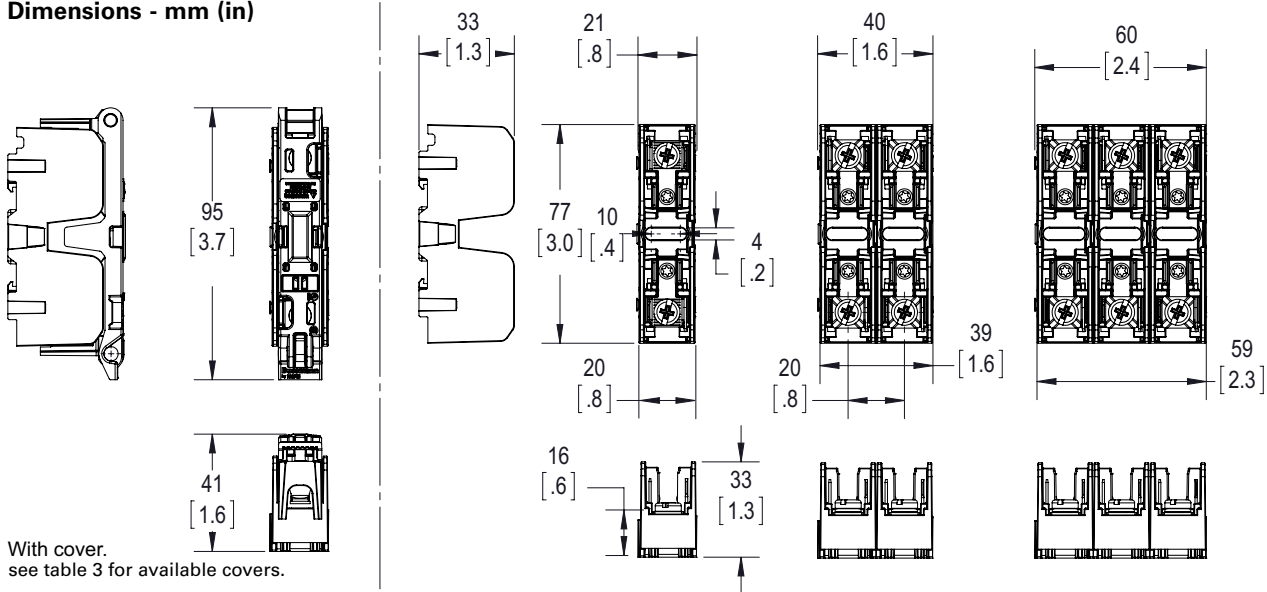
- Part No. BRKT-ND
- Part No. BRKT-NDSCREW2

**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")

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

Dimensions - mm (in)



With cover.  
see table 3 for available covers.

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.

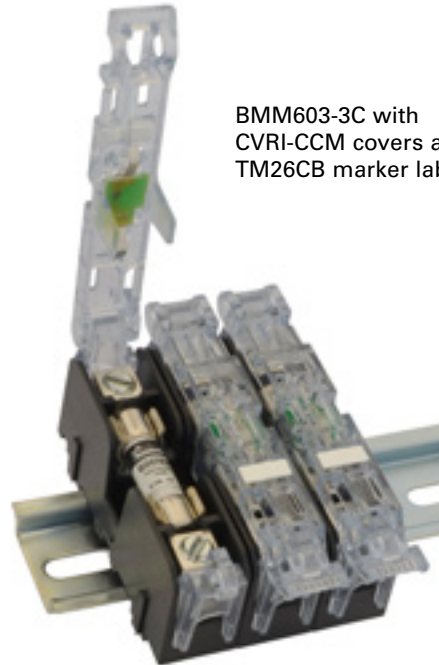
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BMM603-3C with  
CVRI-CCM covers and  
TM26CB marker labels





## Adapter for DIN and American Rails

### Features:

- Edison DIN rail adapters permit secure, positive snap-on mounting of Edison 0 to 30 amp fuse blocks (one-, two-, or three-pole) on various size rails. (rail mounting eliminates costly and time consuming drilling, tapping, and screw mounting.)
- Molded from Lexan® 141.
- Adapter mechanically locks into mounting hole of fuse block in seconds to become an integral part of the block.
- One adapter is required for Edison one- and two-pole blocks. Two adapters are required for three-pole blocks.
- With the exception of the 32mm DIN rail, all blocks with adapters can be removed from a rail simply by pulling up its release tab.
- Use of rail end-stops on both sides of adapters is recommended.

### Adapter Catalog Data (For 0-30 Amp Fuse Blocks)

Fuse Block Class	Rails		Adapter	
	Type	Size	Color	Cat. No.
CC G *H (250V)	DIN	15mm (Symm.) 32mm (Asymm.) 35mm (Symm.)	Black	DRA-1
*R (250) M Type	American	17/64" (Symm.) (also 35mm DIN)	Gray	DRA-2

Package Quantities: Standard - 10; Bulk - 100 (Cat. No. BK/DRA-1 or BK/DRA-1.)

\*Mounting on 15mm rails is not recommended.

**NOTE:** New model Edison fuse blocks have elongated block-to-adapter mounting holes (old style fuse blocks will not accept the rail adapters).