

Class CC and supplemental modular ferrule fuse blocks





Description:

BCM (Class CC) and BMM (supplemental $13/32 \times 1-1/2$ " /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

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

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 minimum 90Vac/dc and closed circuit to illuminate.



Technical Data 10241

Effective Janaury 2019

BCM and BMM modular Class CC and supplemental ferrule fuse blocks

Materials:

- Base Thermoplastic
- Terminals Tin-plated bimetallic copper
- Covers Thermoplastic
- 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

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. 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 series DIN-Rail end stops:

- · Cat. no. BRKT-ND
- Cat. no. BRKT-NDSCREW2

Table 3. Catalog numbers

Terminal type						
#10-32 Phil-slot screw	Screw with quick connect*	Pressure plate	Pressure plate with quick connect*	Box lug	Poles	Fuse class
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"x1-½")
* 1/4" Quick Connect te		dependent on female :	BCCMM603-3PQ	gs.	3	

Table 1. Terminal specifications

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

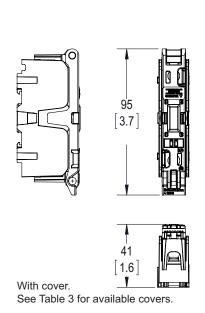
^{* 1/4&}quot; Quick Connect terminal maximum ampacity dependent on female spade connector and wire ratings.

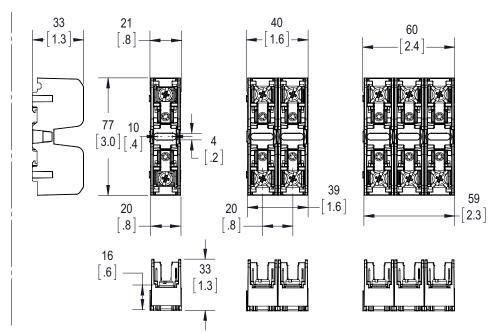
Table 2. Recommended covers*

	Cover catalog numbers				
Terminal type	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.

Dimensions - mm (in)







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