

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® 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%.



Powering Business Worldwide

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

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"x1-1/2")

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

Dimensions - mm (in)

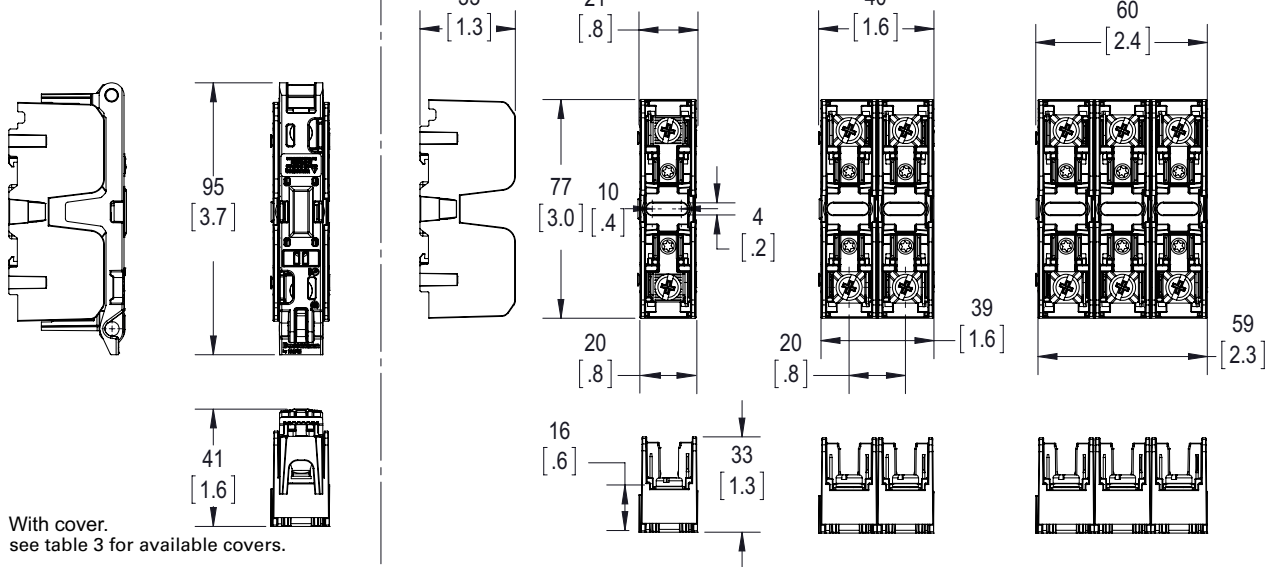


Table 2. Terminal specifications

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.

The only controlled copy of this data sheet is the electronic read-only version located on the Eaton network drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Bussmann Division
114 Old State Road
Ellisville, MO 63021
United States
Eaton.com/bussmannseries

© 2015 Eaton
All Rights Reserved
Printed in USA
Publication No. 10241 – BUS-SB14605
December 2015



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

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® 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%.



Powering Business Worldwide

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:

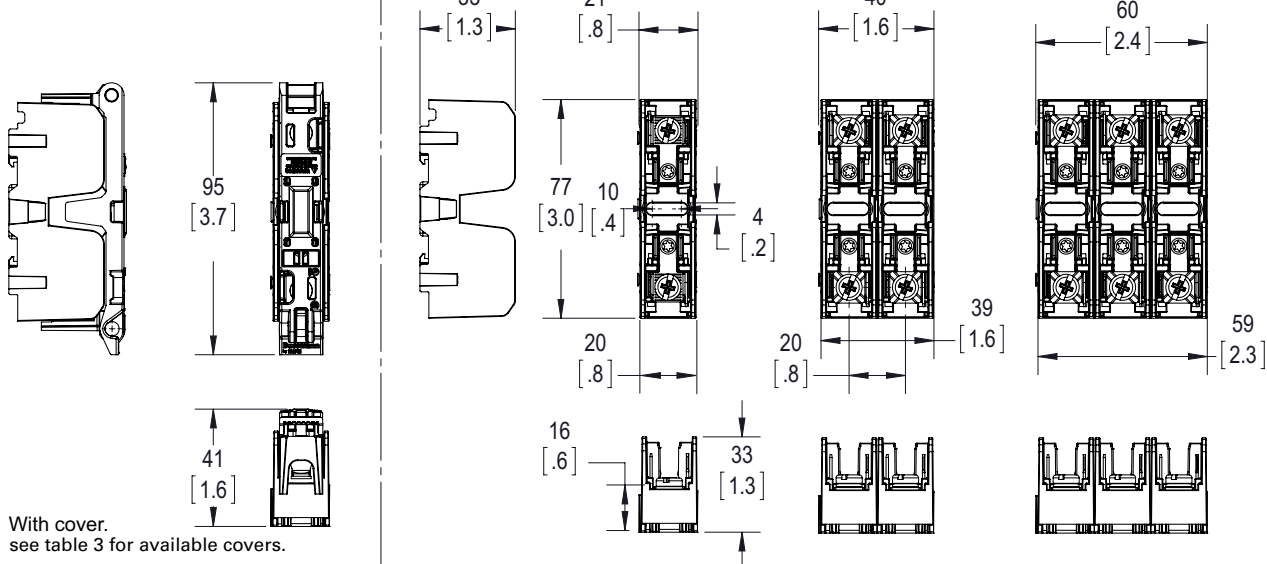
- Part No. BRKT-ND
- Part No. BRKT-NDSCREW2

Table 1. Catalog numbers

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"x1-1/2")

* 1/4" 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.

The only controlled copy of this data sheet is the electronic read-only version located on the Eaton network drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

Bussmann Division
114 Old State Road
Ellisville, MO 63021
United States
Eaton.com/bussmannseries

© 2015 Eaton
All Rights Reserved
Printed in USA
Publication No. 10241 – BUS-SB14605
December 2015

EATON
Powering Business Worldwide



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

Eaton, Bussmann, Limitron and Low-Peak are valuable trademarks of Eaton in the US and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.

CSA is a registered trademark of the Canadian Standards Group.
UL is a registered trademark of the Underwriters Laboratories, Inc.

For Eaton's Bussmann series
product information,
call 1-855-287-7626 or visit:
Eaton.com/bussmannseries

Follow us on social media to get the latest product and support information.

