

Ferrule fuse accessories

JM70100 DIN-Rail/panel mount block for 22x58mm fuses

Modular, open-style fuse blocks for 22x58mm cylindrical fuses feature versatile 35mm DIN-Rail or screw-to-panel mounting. Available optional IP20 finger-safe covers with lockout/tagout capability come in indicating and non-indicating versions. For use with FWP fuses.



Ratings

- Volts 700 Vac
- Amps 100 A
- Withstand rating 200 kA

Agency information

- UL Recognized, Guide IZTL2, File 14853

Catalog no.	Poles	Terminal type	Optional IP20 cover catalog no.*	
			Indicating**	Non-indicating
JM70100-1CR	1	Box lug	CVRI-J-60060	CVR-J-60060
JM70100-2CR	2			
JM70100-3CR	3			

* Order separately, one cover per pole.

**Indication requires 90 V minimum and energized, closed circuit.

Data sheet no. 10496

CHM modular DIN-Rail mount holders for 10x38mm fuses



Bussmann series compact IP20 finger-safe modular DIN-Rail mount fuse holders for 10x38mm cylindrical fuses.

Catalog no.		Rated voltage and current	Agency information	Number of poles	Terminal rating	Rated withstand capacity	Compatible Bussmann series fuses
With indicator	Without indicator						
CHM1DIU	CHM1DU	IEC 690 Vac/32 A UL 600 Vac/30 A	IEC 60269-2 UR; CSA; CCC	1	IEC: 1 to 25mm ² 70°C PVC/copper cable, solid, stranded, fine stranded, fork lug, comb busbar; single and dual	IEC 120 kA RMS Sym. UL 200 kA RMS Sym. CCC 100 kA RMS Sym.	FWA, FWC.
CHM2DIU	CHM2DU			2			
CHM3DIU	CHM3DU			3			
CHM4DIU	CHM4DU			4			
CHM1DNIU	CHM1DNU	IEC 690 Vac/32 A	IEC 60269-2	1-pole + 1 neutral			
CHM3DNIU	CHM3DNU			3-pole + 1 neutral			
—	CHM1DNXU	IEC 690 Vac/32 A	IEC 60269-2	1 neutral		N/A	N/A

Data sheet no. 10430

CH modular, IP20 finger-safe DIN-Rail holders for Class CC, midget and PV fuses

Bussmann series CH DIN-Rail fuse holders are for UL Class CC and midget fuses, and IEC 10x38mm fuses. They are available with and without indication in 1-, 2- and 3-pole IP20 finger-safe versions. A variety of accessories extends their application flexibility and they may be ganged together to meet specific application requirements.



Ratings

- Volts
 - 600 V (or less) UL
 - 690 V (or less) IEC
 - 1000 Vdc (or less) photovoltaic (PV)
- Amps
 - 30 A UL
 - 32 A IEC
- SCCR
 - 33 kA photovoltaic
 - 200 kA RMS Sym. (CHCC, CHM*)

* CHM SCCR is fuse interrupting rating dependent.

Agency information

- CHCC, CHM; UL Listed Guide IZLT, Recognized Guide IZLT2, File E14853
- CHPV, UL Listed to 4248-19, Guide IZMR, File E348242
- CSA File 47235, CHPV and CHM - Class 6225-30, CHCC - Class 6225-01
- IEC 60269-2 (CHM, CHPV)
- CCC
- RoHS compliant
- CE

Mounting: 35mm DIN-Rail

Wire range

- 75°C and 90°C Cu
- 18-4 AWG (0.8-21.1mm²)
- Solid, stranded and fine stranded*

* See data sheet 10430 for application details.

Terminals

- Single or dual conductors
- Comb busbar
- Terminal screws
 - Standard phil-slot
 - Optional hex head (order by adding "-H" suffix to the catalog number, e.g., CHM1DU-H)

Torque

- 30 lb-in (3.4 N•m) maximum

Data sheet no. 10430

Flammability

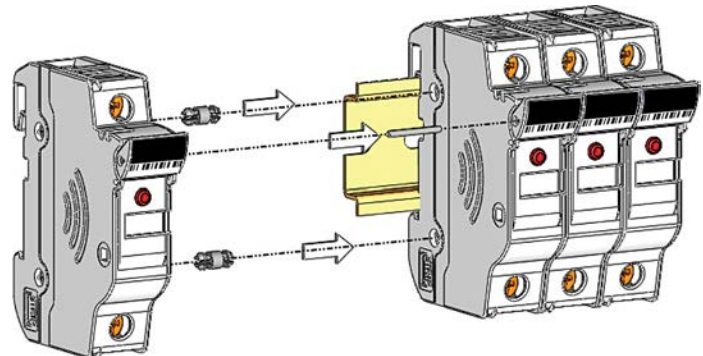
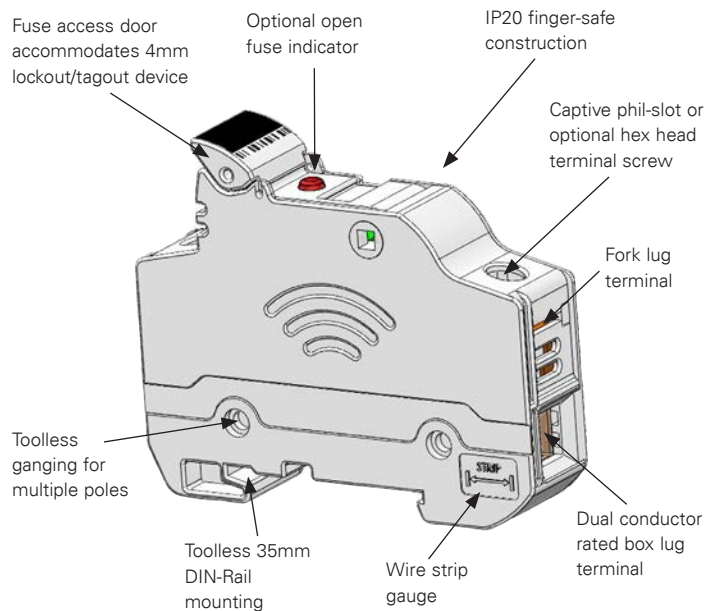
- UL 94V0, self-extinguishing

Storage and operating temperature

- -4°F (-20°C) to +194°F (90°C) indicating
- -4°F (-20°C) to +248°F (120°C) non-indicating

Features

- High SCCR rated, UL Listed Class CC holder with optional open fuse indication for 600 V and 48 Vdc (see catalog number table for details)
- Enhanced safety with IP20 finger-safe construction
- UL Recognized midget and IEC 10x38mm holders with factory assembled neutral pole option
- Agency ratings up to 1000 Vdc for use with PV fuses.
- Available remote PLC fuse indication module
- Wiring flexibility with terminals rated for use with 75°C or 90°C solid, stranded and fine stranded wire, and fork terminals and comb busbars. (Use any higher temperature insulations at the 90°C ampacity with appropriate derating.)
- Complete range of UL Listed and high SCCR rated one- and three-phase finger-safe comb busbars and power feed lugs
- Optional hex head terminal screw makes it easier to achieve necessary torque values



Gang multiple poles to meet application requirements using kit catalog number JV-L (gangs up to four poles).

UL midget and IEC 10x38



Catalog no. †		Volts and amps		Agency marks	Poles	SCCR	Recommended Bussmann series fuses
With indication*	Without indication	UL	IEC				
CHM1DIU	CHM1DU	600 V/ 30 A	690 V/ 32 A	UR, CSA, IEC 60269-2, CCC	1	200 kA RMS Sym.††	BAF, BAN, FNM, FNQ, FWA, FWC, KLM, KTK, AGU, C10G_, C10M_
CHM2DIU	CHM2DU				2		
CHM3DIU	CHM3DU				3		
CHM4DIU	CHM4DU				4		
CHM1DNIU	CHM1DNU			IEC 60269-2	1 + neutral		
CHM3DNIU	CHM3DNU				3 + neutral		
CHM1DI-48U	—	48 Vdc/ 30 A	48 Vdc/ 32 A	UR, CSA, IEC 60269-2, CCC	1	N/A	N/A
—	CHM1DNXU	—	690 V/ 32 A	IEC 60269-2			
CHM1DCIU	CHM1DCU	600 Vac, 1000 Vdc, 30 A	690 V, 32 A	UR, CSA, IEC 60269-2	1	200 kA RMS Sym.†† 33 kA DC	600/690 V BAF, BAN, FNM, FNQ, FWA, FWC, KLM, KTK, AGU, C10G_, C10M_, 1000 Vdc PV-(amp)A10F, PV10M-(amp)
CHM2DCIU	CHM2DCU				2		
CHM3DCIU	CHM3DCU				3		
CHM4DCIU	CHM4DCU				4		

UL Class CC



Catalog no. †		Volts / amps	Agency marks	Poles	SCCR	Recommended Bussmann series fuses
With indication*	Without indication					
CHCC1DIU	CHCC1DU	600 V/30 A	UL, CSA, CCC	1	200 kA RMS Sym.	LP-CC, FNQ-R, KTK-R
CHCC2DIU	CHCC2DU			2		
CHCC3DIU	CHCC3DU			3		
CHCC1DI-48U	—	48 Vdc/30 A		1	33 kA DC	

UL and IEC photovoltaic



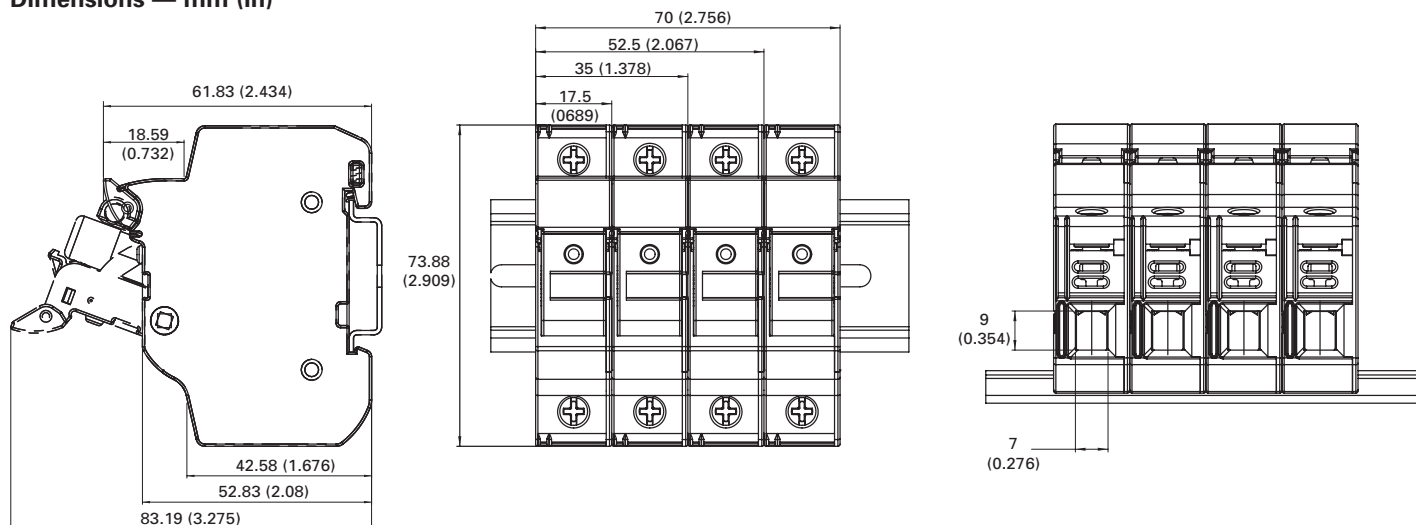
Catalog no. †		Volts / amps	Agency marks	Poles	SCCR	Recommended Bussmann series fuses
With indication*	Without indication					
CHPV1IU	CHPV1U	1000 Vdc/30 A	UL, CSA, , UL 4248-18, IEC 60269-1, CCC	1	33 kA DC	PV-(amp)A10F, PV10M-(amp)
CHPV2IU	CHPV2U			2		

† Available with optional hex head terminal screws. To order, add "-H" suffix to the desired catalog number.

††SCCR is limited to the interrupting rating of the installed fuse or 200 kA, whichever is less.

* All models require 90 V minimum for illumination, except CHM1DI-48U that requires 15 V minimum.

Dimensions — mm (in)



Fuse blocks and holders