

Global Modular Fuse Holders

CH Series - 8x32, 10x38, 14x51, 22x58, Class CC

Specifications

Description: The 'CH' line of modular fuse holders accommodates many fuses from around the world, including North American Class-CC, Midget, Class gR, aR HSF, and IEC Industrial Ferrule (Class gG and aM) in four physical sizes: 8x32, 10x38, 14x51 and 22x58mm.

Agency Information: Manufactured in accordance with IEC 60269 and IEC 60947-3. Agency Compliance as indicated in the Catalog Numbers table.

Features/Benefits

- Optional open fuse indication (minimum 90Vac, 115Vdc for indicator lights)
- 14x51 & 22x58mm configurations available with optional micro-switches for remote open fuse indication, pre-breaking, and fuse presence
- Multi-phase connections available for ganging poles
- Low voltage indicating device available for CC and midget (48V)



Modular Fuse Holder Selection Table (10 x 38 and CC)

Part Numbers

Series Size	Catalog Numbers		Max Voltage & Current	UL	IEC	Phase Configuration	No. of 17.5mm Modules*	Box Qty.	Terminal Rating	SCCR Rating	Cooper Bussmann Fuses
	W/O Indication	W/Indication									
CHCC Class CC	CHCC1D	CHCC1DI**	UL	††		1-pole	1	12	75° Cu Wire Only	200kA	LP-CC, FNQ-R, KTK-R
	CHCC2D	CHCC2DI**	600Vac/dc	††		2-pole	2	6			
	CHCC3D	CHCC3DI**	30A	††		3-pole	3	4			
	—	CHCC1DI-48***	UL 48Vdc, 30A	††		1-pole	1	12			
CHPV	CHPV1	CHPV1I**	1000Vdc 30A	†††	.	1-pole	1	12	75° Cu Wire Only	33kA	PV Series
CHM 10X38 & Midget	CHM1D	CHM1DI**	UL	†	.	1-pole	1	12	75° Cu Wire Only	Rating varies depending on fuse used in holder.	FNQ, KLM, FNM, KTK, BAF, FWA, DCM, C10 Series, AGU, FWC
	CHM1DNX	-	600Vac/dc, 30A		.	1 Neutral Pole	1	12			
	CHM1DN	CHM1DNI**			.	1-pole + Neutral	2	6			
	CHM2D	CHM2DI**		†	.	2-pole	2	6			
	CHM3D	CHM3DI**	IEC 690Vac, 32A (3 Watt)	†	.	3-pole	3	4			
	CHM3DN	CHM3DNI**			.	3-pole + Neutral	4	3			
	CHM4D	CHM4DI**			.	4-pole	4	3			
	—	CHM1DI-48***	UL 48Vdc, 30A IEC 48Vdc, 32A (3 Watt)	†	.	1-pole	1	12			

† UL Recognized (cURus)

†† UL Listed (cULus)

††† Self Certified

*Holder width as compared to standard 17.5mm module, i.e., 1 = 17.5mm 2 = 35mm.

**90V minimum required for illumination

***12V minimum required for illumination

MFH Wire Range and Torque - CH Series: CHCC, CHM & CHPV

Wire Range	Conductor Type 75°C Cu Wire Only	Conductors	Torque
18-12 AWG (0.8 - 4mm ²)	Solid/Stranded	Single	20 lb-in 2.3 N·m
10 AWG (5.0mm ²)	Solid	Single	25 lb-in (2.8 N·m)
10-8 AWG (5.0 - 8.0mm ²)	Stranded		
18-14 AWG (0.8 - 2.0mm ²)	Solid	Dual	
18-10 AWG (0.8 - 5.0mm ²)	Stranded		

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Modular Fuseholder Selection Table (8x32, 14x51, and 22x58)

Part Numbers

Series/ Size	Catalog Numbers		Max Voltage & Current	IEC	UL	Phase Configuration	No. of 17.5mm Modules*	Box Qty.	Wire Range	Maximum Torque
	W/O Indication	W/Indication								
CH08 8x32	CH081D	CH081DI	IEC 400Vac 25A	•		1-pole	1	12	1-16mm ² (18-6 AWG)	2.5 N•m (22in-lb)
	CH081DNX	-		•		1 Neutral Pole	1	12		
	CH081DNS	CH081DNSI		•		1-pole + Neutral	1	12		
	CH081DN	CH081DNI		•		1-pole + Neutral	2	6	1-16mm ² (18-6 AWG)	2.0 N•m (17.5in-lb)
	CH082D	CH082DI		•		2-pole	2	6		
	CH083D	CH083DI		•		3-pole	3	4		
	CH083DNS	CH083DNSI		•		3-pole + Neutral	3	4		
	CH083DN	CH083DNI		•		3-pole + Neutral	4	3		
	CH084D	CH084DI		•		4-pole	4	3		
CH14 14x51	CH141D	CH141DICH1	UL/cURus 600Vac/dc, 40A (5 Watt) IEC 690Vac, 50A	•	†	1-pole	1.5	6	2.5-16mm ² (14-6 AWG)	3.0 N•m (26in-lb)
	CH141DMS	-14X51		•		1-pole + Microswitch	1.5	6		
	CH141DNX	-		•		1 Neutral Pole	1.5	6		
	CH141DN	CH141DNI		•		1-pole + Neutral	3	3		
	CH142D	CH142DI		•	†	2-pole	3	3		
	CH143D	CH143DI		•	†	3-pole	4.5	2		
	CH143DMS	-		•		3-pole + Microswitch	4.5	2		
	CH143DN	CH143DNI		•		3-pole + Neutral	6	1		
	CH143DNMS	-		•		3-pole + Neutral + Microswitch	6	1		
CH144D	CH144DI	•		4-pole	6	1				
CH22 22x58	CH221B	Not Available with local neon indication (remote microswitch only)	UL/cURus 600Vac/dc, 100A (9.5 Watt) IEC 690Vac, 125A	•	†	1-pole	2	6	2.5-50mm ² (14-1 AWG)	4.0 N•m (35in-lb)
	CH221BMS			•		1-pole + Microswitch	2	6		
	CH221BNX			•		1 Neutral Pole	2	6		
	CH221BN			•		1-pole + Neutral	4	3		
	CH222B			•	†	2-pole	4	3		
	CH223B			•	†	3-pole	6	2		
	CH223BMS			•		3-pole + Microswitch	6	2		
	CH223BN			•	†	3-pole + Neutral	8	1		
	CH223BNMS			•		3-pole + Neutral + Microswitch	8	1		
CH224B	•		4-pole	8	1					

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*Holder width as compared to standard, i.e., 1 = 17.5mm module 2 = 35mm.

**90V minimum required for illumination

Accessories for CH Series

Catalog Numbers	Accessory	For Use with Fuse Holders	No. of Poles	Carton Qty.
AL-D	Multi-Phase Connection Links	CH08 and CH14 Series	-	12
JV-L	Multi-Phase Connection Kit***	CHM and CHCC Series	-	-
CH810-HP CH14-HP	Multi-Phase Handle Pins	CH08 Series CH14 Series	-	10
C08NL C14NL C22NL	Neutral Links	CH08 Series CH14 Series CH22 Series	-	10
CH14MS-1D CH14MS-3D		CH141 Series CH143 Series	1 3	5 2
CH-PLC****		PLC Module	CHM and CHCC Series	1
CH22LS	22x58 Lock Support	CH22 Series	-	5
CH22IP20	22x58 IP20 Protection Accessory	CH22 Series	-	12

***Kit contains 3-Spring pins and 6-connection links

****OL Listed (cULus)

Multi-Phase Connection Links



Multi-Phase Handle Pins



Neutral Links



Operated-Fuse Micro-Switches



Programmable Logic Controller (PLC)

