



# PRODUCT ADVISORY

**Products:** CHM/CHCC Series Modular Fuse Holders

**Number:** PA-PP-007

**Part Numbers:** CHM1D(-1), CHM2D(-1), CHM3D(-1),  
CHCC1D(-1), CHCC2D(-1), CHCC3D(-1), CHM1DI(-1),  
CHM2DI(-1), CHM3DI(-1), CHCC1DI(-1),  
CHCC2DI(-1), CHCC3DI(-1)

**Date Issued:** 2/8/010

**Revision:** Original

**Subject:** Design Changes to CHM/CHCC Series Modular Fuse Holders

This Product Advisory contains information regarding design changes the manufacturer made to all CHM/CHCC Series modular fuse holders beginning with fuse holders shipped since November 1, 2009. The new design fuse holders are direct replacements for the previous ones and the part numbers remain the same. The design changes are enhancements and should not impact you negatively if you are using them as replacements for the retired design fuse holders. The accessory kit for connecting multiple poles has also changed; the new kit has a new part number and is not backwards compatible. The retired design fuse holders are no longer available. The retired design multi-pole connection accessories AL-D and CH810-HP are available on request.

Following is a summary of the design changes:

## Dimensions

- Overall height reduction from 3.071 inches to 2.83 inches to reduce space needed in OEM panels.
- The NEON indicator on the holders has changed from rectangular to circular on the front of the holder, if equipped.
- See the dimensional drawings on the following pages for more details on the changes between versions.

## Torque and Wire Specifications

- Torque ratings based on individual and dual wire ranges and types.
- Wire ratings updated to include solid and stranded wire types.
- See the specifications tables on the following pages for more details on the changes between versions.

## Agency Approvals

- Agency certification mark on re-designed fuse holders are cULus and cURus, File E14853 and CE Compliant.
- Previous agency certification mark was UL Listed to 512, Guide IZLT, File E14853; and CSA Certified, Std. C22.2 No. 39, Class 6225-01, File LR47235). CE Compliant.
- Country of origin changed from Spain to China.

## Multi-Pole Connections Kits

The new design fuse holders have a new multi-pole connection kit to add additional poles, part number JV-L. See the drawing on the following page. This kit will not work with retired design fuse holders and are not field installable.

To add additional poles, the retired design fuse holders used accessory handle pin kit CH810-HP, along with plastic connection links AL-D. (These kits will not work with the new fuse holders but are available on request.)

## Technical Assistance:

If you have any questions regarding this Product Advisory, please contact Technical Support at 770-844-4200.



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## Retired Design Fuse Holders



## New Design Fuse Holders

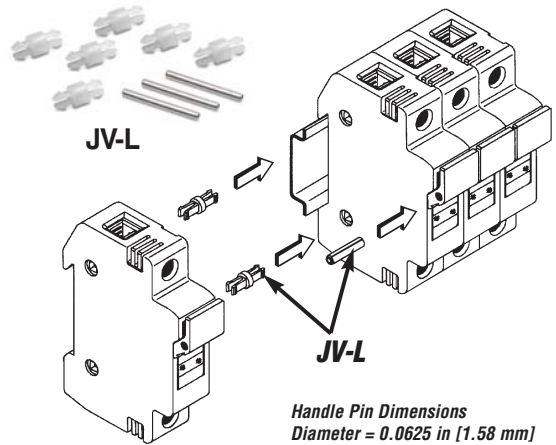


Notice that the shape is slightly different and the Neon indicators are now smaller and circular.

## Optional Multi-Pole Connection Kit JV-L

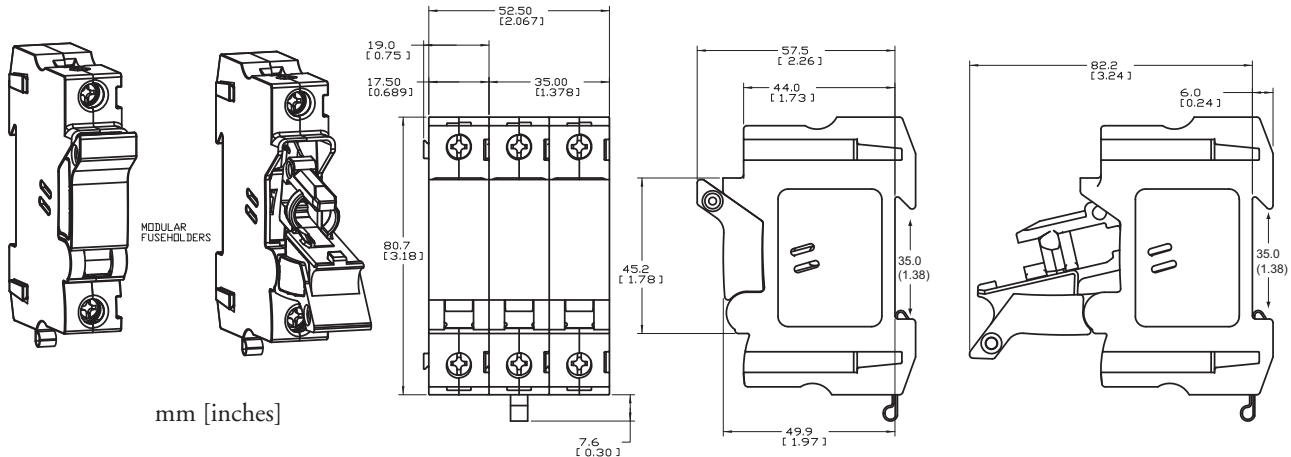
Use to connect multiple new design fuse holders together. Will not work with older style fuse holders. Also, older accessory kit CH810-HP, along with plastic connection links AL-D, will not work with the new fuse holders.

Note: Roll pin punch or installation tool is required to install handle pins.

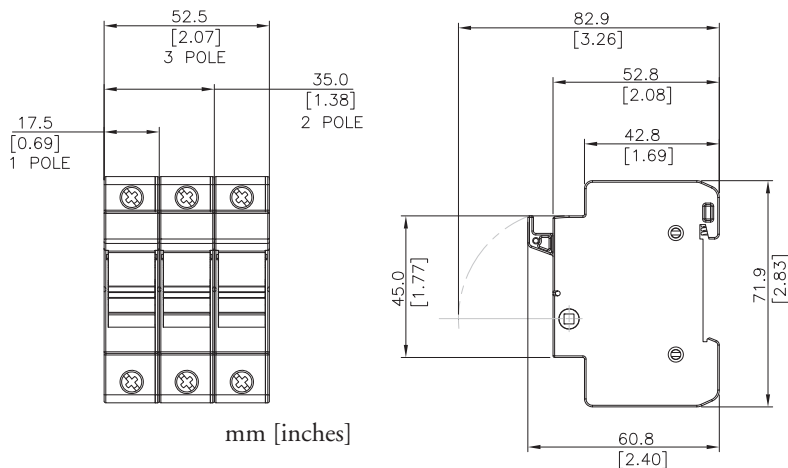


Handle Pin Dimensions  
 Diameter = 0.0625 in [1.58 mm]  
 Length = 0.632 in [16.07 mm]

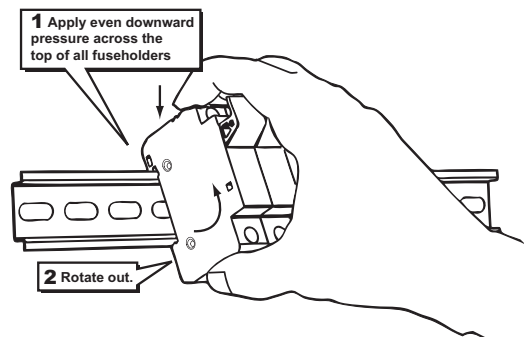
## Retired Design Fuse Holder Dimensions,



## New Design Fuse Holder Dimensions



## New Design DIN Rail Removal





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## Specifications

### Retired Fuse Holder Specifications

Modular Fuse Holder Selection Table																
Series Size	Max Voltage & Current	IEC	UL	CSA	Phase Configuration	No. of 17.5mm Modules*	Fuse Holder Without Indication	Box Qty.	Pkg. Wt. (lbs.)	Price	Fuse Holder with Neon Indication	Box Qty.	Pkg. Wt. (lbs.)	Price	Wire Range	Maximum Torque
CHM Midget Class	UL/CSA 600 VAC/DC, 30A (3 Watt)	•	†	•	1 pole	1	CHM1D-1	1	0.14	<-->	CHM1DI-1	1	0.14	<-->	1-16 mm <sup>2</sup> (18-8 AWG)	2.5 Nm (22 lb-in)
							CHM1D	12	1.8	<-->	CHM1DI	12	1.8	<-->		
		IEC 690 VAC, 32A	•	†	•	2 pole	2	CHM2D-1	1	0.3	<-->	CHM2DI-1	1	0.3		
	CHM2D							6	1.8	<-->	CHM2DI	6	1.8	<-->		
	•		†	•	3 pole	3	CHM3D-1	1	0.4	<-->	CHM3DI-1	1	0.4	<-->		
		CHM3D					4	1.8	<-->	CHM3DI	4	1.8	<-->			
CHCC Class CC		UL/CSA 600VAC/DC, 30A					††	•	1 pole	1	CHCC1D-1	1	0.14	<-->	CHCC1DI-1	1
	CHCC1D		12	1.8	<-->	CHCC1DI					12	1.8	<-->			
	††		•	2 pole	2	CHCC2D-1	1	0.3	<-->	CHCC2DI-1	1	0.3	<-->			
CHCC2D		6				1.8	<-->	CHCC2DI	6	1.8	<-->					
††		•				3 pole	3	CHCC3D-1	1	0.4	<-->	CHCC3DI-1	1	0.4	<-->	
	CHCC3D		4	1.8	<-->			CHCC3DI	4	1.8	<-->					

\*Holder width as compared to standard 17.5 mm module (1 = 17.5 mm, 2 = 35 mm, 3 = 52.5 mm) † UL Recognized (SCCR: 10 kA) †† UL Listed (SCCR: 200 kA)

### New Fuse Holder Specifications

Modular Fuse Holder Selection Table														
Series Size	Max Voltage & Current	IEC	cULus	cURus	Phase Configuration	No. of 17.5mm Modules*	Fuse Holder Without Indication	Box Qty.	Pkg. Wt. (lbs.)	Price	Fuse Holder with NEON Indication	Box Qty.	Pkg. Wt. (lbs.)	Price
CHM Midget Class	UL/CSA 600 VAC/DC, 30A (3 Watt)	•	†	•	1 pole	1	CHM1D-1	1	0.14	<-->	CHM1DI-1	1	0.14	<-->
							CHM1D	12	1.8	<-->	CHM1DI	12	1.8	<-->
		IEC 690 VAC, 32A	•	†	•	2 pole	2	CHM2D-1	1	0.3	<-->	CHM2DI-1	1	0.3
	CHM2D							6	1.8	<-->	CHM2DI	6	1.8	<-->
	•		†	•	3 pole	3	CHM3D-1	1	0.4	<-->	CHM3DI-1	1	0.4	<-->
		CHM3D					4	1.8	<-->	CHM3DI	4	1.8	<-->	
CHCC Class CC		UL/CSA 600VAC/DC, 30A					††	•	1 pole	1	CHCC1D-1	1	0.14	<-->
	CHCC1D		12	1.8	<-->	CHCC1DI					12	1.8	<-->	
	††		•	2 pole	2	CHCC2D-1	1	0.3	<-->	CHCC2DI-1	1	0.3	<-->	
CHCC2D		6				1.8	<-->	CHCC2DI	6	1.8	<-->			
††		•				3 pole	3	CHCC3D-1	1	0.4	<-->	CHCC3DI-1	1	0.4
	CHCC3D		4	1.8	<-->			CHCC3DI	4	1.8	<-->			

\*Holder width as compared to standard 17.5 mm module (1 = 17.5 mm, 2 = 35 mm, 3 = 52.5 mm) † UL Recognized (SCCR: 10 kA) †† UL Listed (SCCR: 200 kA)

CHCC and CHM Wire Range and Torque		
Wire Range	Conductor Type (75 degrees C, Cu Wire Only) / Number of Conductors	Max. Torque
0.8 - 4 mm <sup>2</sup> (18 - 12 AWG)	Solid, Stranded / Single	2.3 Nm (20 lb-in)
5.0 mm <sup>2</sup> (10 AWG)	Solid / Single	2.8 Nm (25 lb-in)
5.0 - 8.0 mm <sup>2</sup> (10 - 8 AWG)	Stranded / Single	
0.8 - 2.0 mm <sup>2</sup> (18 - 14 AWG)	Solid / Dual	
0.8 - 5.0 mm <sup>2</sup> (18 - 10 AWG)	Stranded / Dual	