HMC 11 120AC... A C1D2



Data sheet
4279_en_A

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1 Description

HMC series supplemental circuit protector module.

Key features include:

- Toggle switch for quick break between line and load
- Metal clip for easy connect to DIN rail
- ME MAX housing to withstand harsh environments
- Wide temperature range
- CID2 rated for hazardous locations
- AC disconnect for when power isolation is required

Observe these notes

Make sure you always use the latest documentation.
It can be downloaded at www.phoenixcontact.com/us-HMC.

This document is valid for the products listed in Section “Ordering data” on page 3.

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2 Ordering data

Products

Description	Type	Item No.	Max Total Current
HMC series of supplemental circuit protector modules, 1A rating.	HMC 11 120AC 1A C1D2	2907191	1 A
HMC series of supplemental circuit protector modules, 2A rating.	HMC 11 120AC 2A C1D2	2907192	2 A
HMC series of supplemental circuit protector modules, 3A rating.	HMC 11 120AC 3A C1D2	2907193	3 A
HMC series of supplemental circuit protector modules, 5A rating.	HMC 11 120AC 5A C1D2	2907194	5 A
HMC series of supplemental circuit protector modules, 7.5A rating.	HMC 11 120AC 7.5A C1D2	2907195	7.5 A
HMC series of supplemental circuit protector modules, 10A rating.	HMC 11 120AC 10A C1D2	2907196	10 A
HMC series of supplemental circuit protector modules, 15A rating.	HMC 11 120AC 15A C1D2	2907197	15 A
HMC series of supplemental circuit protector modules, 20A rating.	HMC 11 50DC 20A C1D2	2907199	20 A[1]

[1] Max operating voltage rated for only 50 VDC

3 Technical data

General data	
Max Operating Voltage	50 VDC / 120 VAC[1]
Max Total Current (Connector)	See “Products” above
SCCR Rating	1 kA
Ambient Temperature Range	-40°... 65°C
Mounting Position	Any
Clearances and Creepage Distances	UL 1077
Depending on:	Basic Insulation
Dimensions D/H/W	109.2 mm / 93.6 mm / 22.6 mm

[1] Max operating voltage rated for only 50 VDC

Connection Data	
Connector	2x MSTBT 2,5/4-ST KMGY
Number of Positions	1 position
Connection Type	Screw terminal
Connection Data Solid mm^2/ Stranded mm^2 / AWG	0.2... 2.5 / 0.2... 2.5 / 24... 12

Approvals	
UL Recognized	UL 1077
Hazardous Location Rating	Class I, Division 2 (CID2)

4 Drawings

Figure 1 Schematic

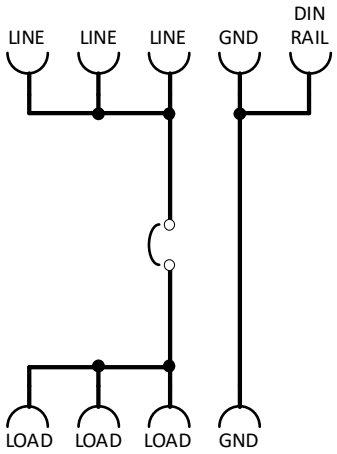


Figure 2 PCB Layout

