

HMC 11 120AC 1A C1D2 - Hydraulic-magnetic circuit breaker



2907191

<https://www.phoenixcontact.com/us/products/2907191>

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HMC series of supplemental circuit protector modules, 1 A rating



Your advantages

- Optional T-bus for reduced wiring
- UL recognized for hazardous locations Class I, Division 2, Groups A, B, C, and D
- Dual-rated for 50 V DC and 120 V AC
- Hydraulic-magnetic technology provides extended temperature stability

Commercial data

Item number	2907191
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL12
Product key	CLA181
GTIN	4055626342344
Weight per piece (including packing)	222.222 g
Weight per piece (excluding packing)	11.793 g
Country of origin	MX

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Technical data

Notes

Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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Product properties

Product type	Device circuit breakers
Product family	HMC
Number of positions	1
Number of rows	1

Electrical properties

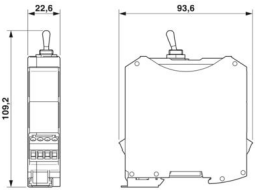
General

Nominal current I_N	1 A
Rated voltage	120 V AC (50/60 Hz)
	50 V DC
Rated short-circuit switching capacity I_{cn}	1 kA (SCCR)
Fuse	Hydraulic magnetic circuit breaker

Connection data

Connection method	Screw connection with tension sleeve
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	7 mm
Conductor cross-section rigid	0.2 mm ² ... 2.5 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross-section, flexible [AWG]	24 ... 12 (converted acc. to IEC)

Dimensions

Dimensional drawing	
Width	22.6 mm
Height	93.6 mm
Depth	109.2 mm

Material specifications

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Color	light gray (RAL 7035)
Material	Polyamide
Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 65 °C

Standards and regulations

Standards/specifications	UL 1077
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Mounting

Mounting type	DIN rail: 35 mm
Mounting position	As desired on 35 mm DIN rail in acc. with EN 60715

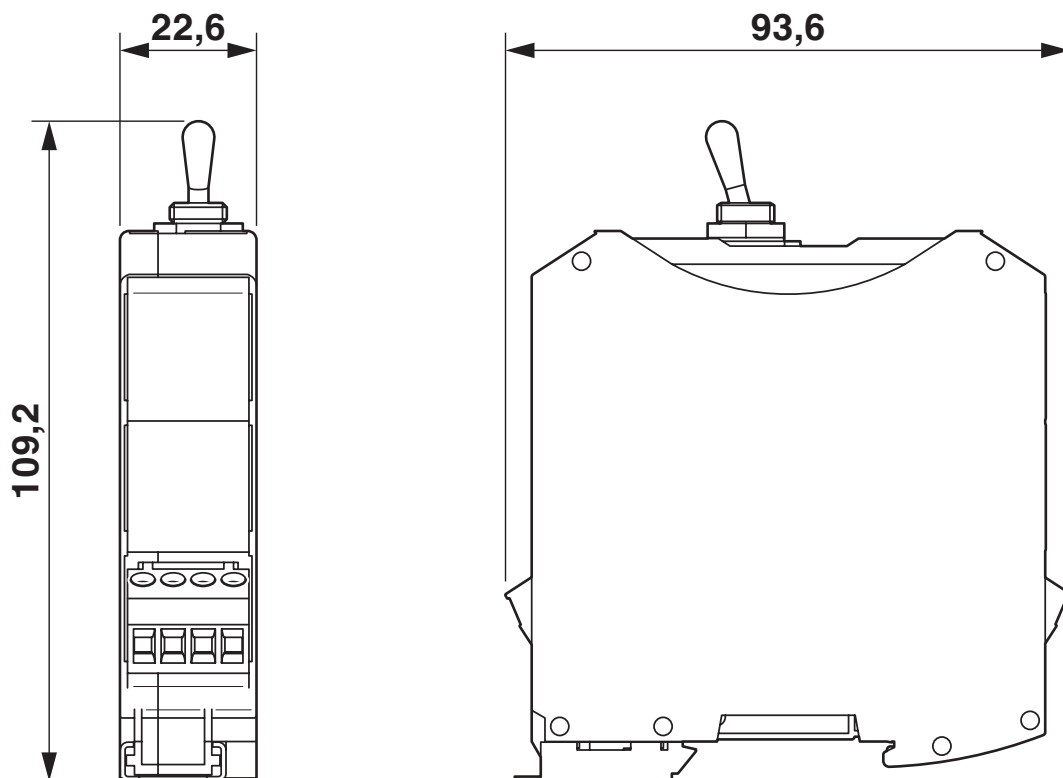
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Drawings

Dimensional drawing



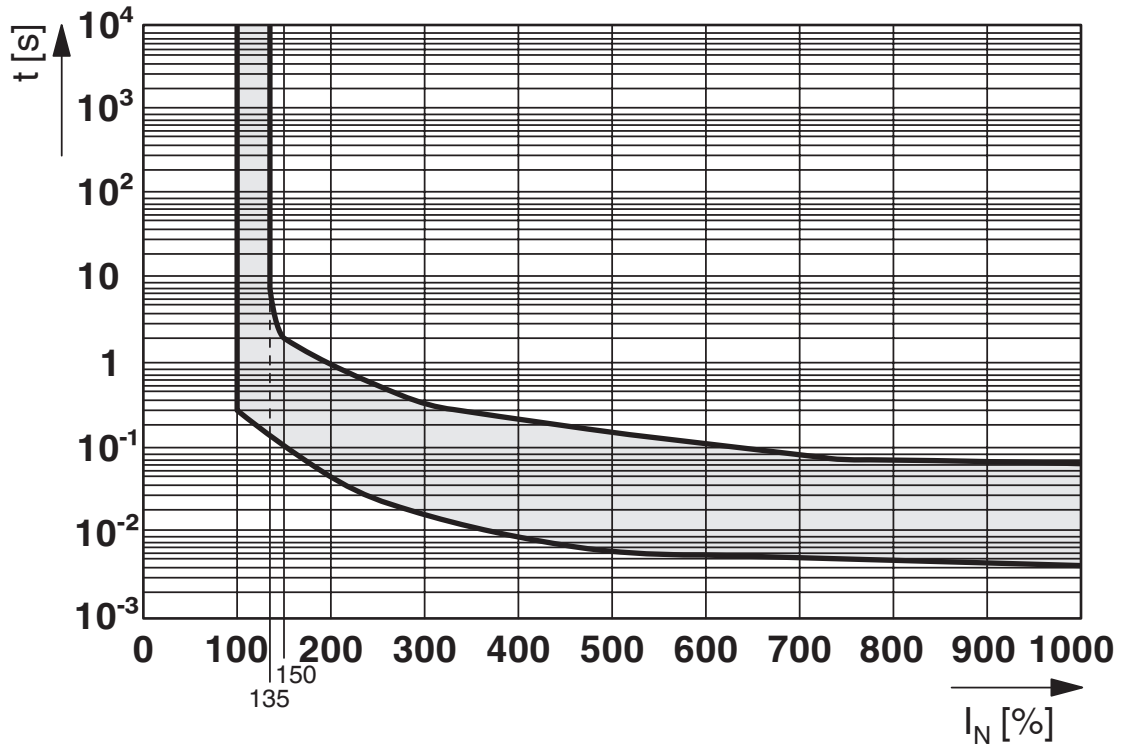
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Diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2907191>



cUL Recognized
Approval ID: FILE E 140459



UL Recognized
Approval ID: FILE E 140459



cUL Recognized
Approval ID: FILE E 360692



UL Recognized
Approval ID: FILE E 360692

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Classifications

ECLASS

ECLASS-13.0	27140401
ECLASS-15.0	27140401

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
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China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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