

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
Sales key	CL12
Product key	CLA181
GTIN	4055626342344
Weight per piece (including packing)	222.222 g
Weight per piece (excluding packing)	222.222 g
Country of origin	US

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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.

Product properties

Product type	Device circuit breakers
Product family	HMC
Number of positions	4
Number of rows	1

Electrical properties

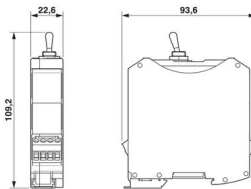
General

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 ()
Fuse	Hydraulic magnetic circuit breaker

Connection data

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

Color	light grey (RAL 7035)
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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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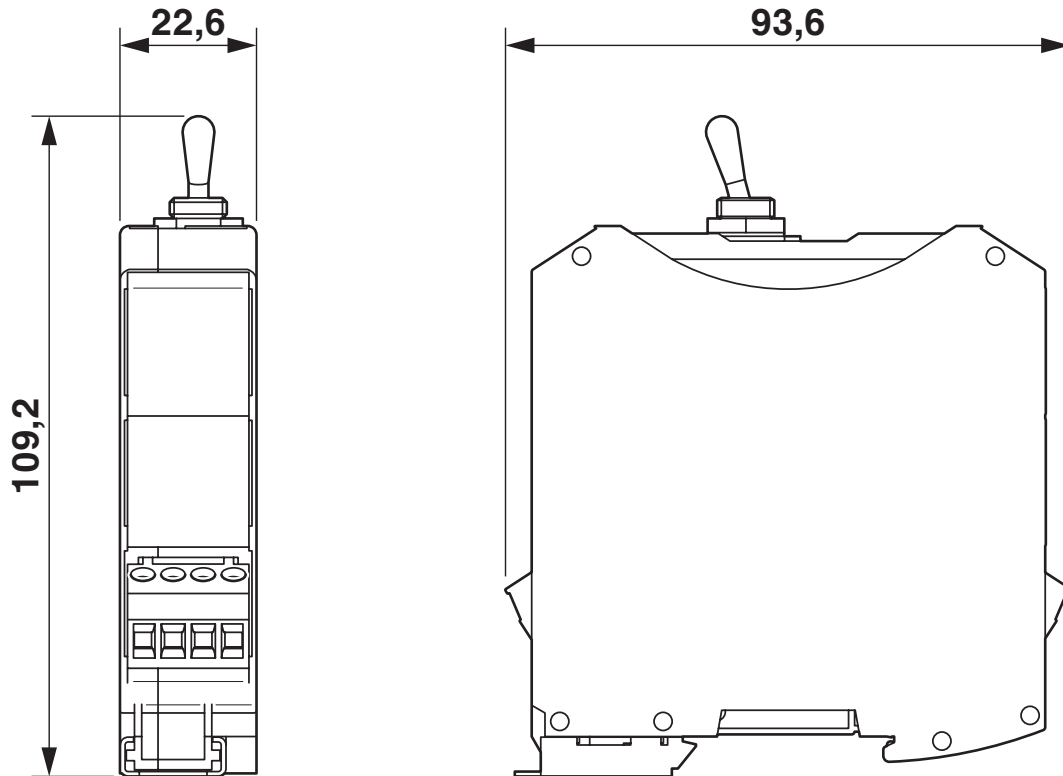


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Drawings

Dimensional drawing



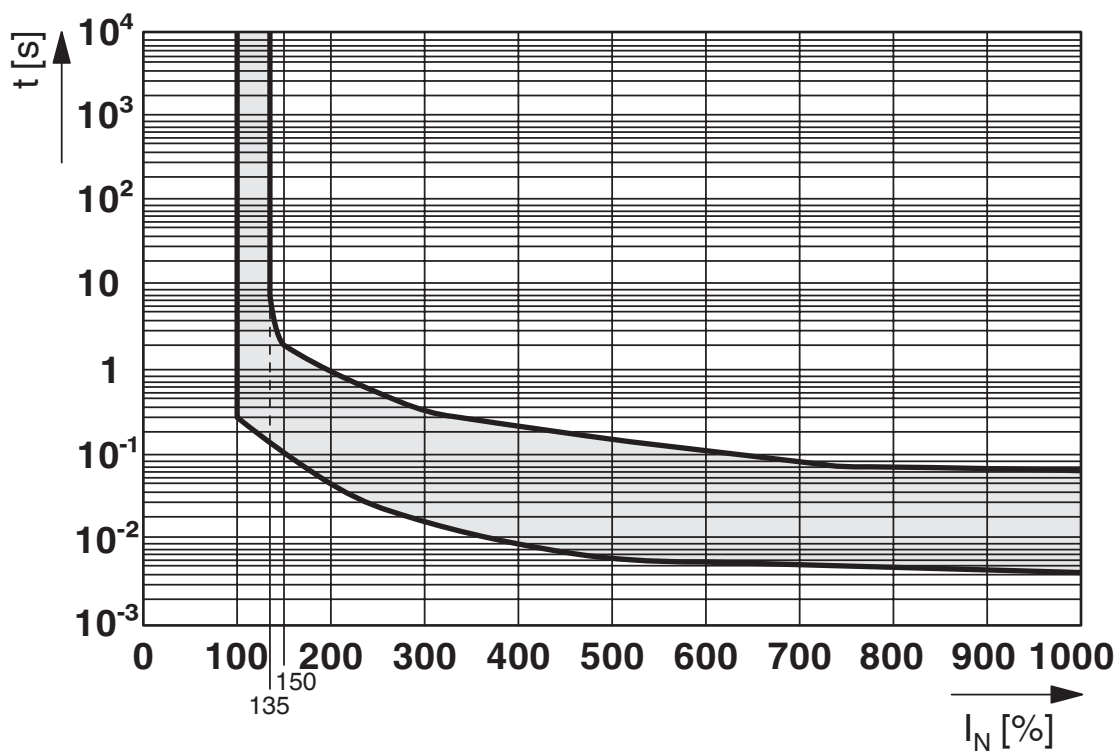
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Diagram



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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
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Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27140401

ETIM

ETIM 8.0	EC000899
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Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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