

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) | 222.222 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. |
|---------|--|

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 |
|--------------------------|---------|

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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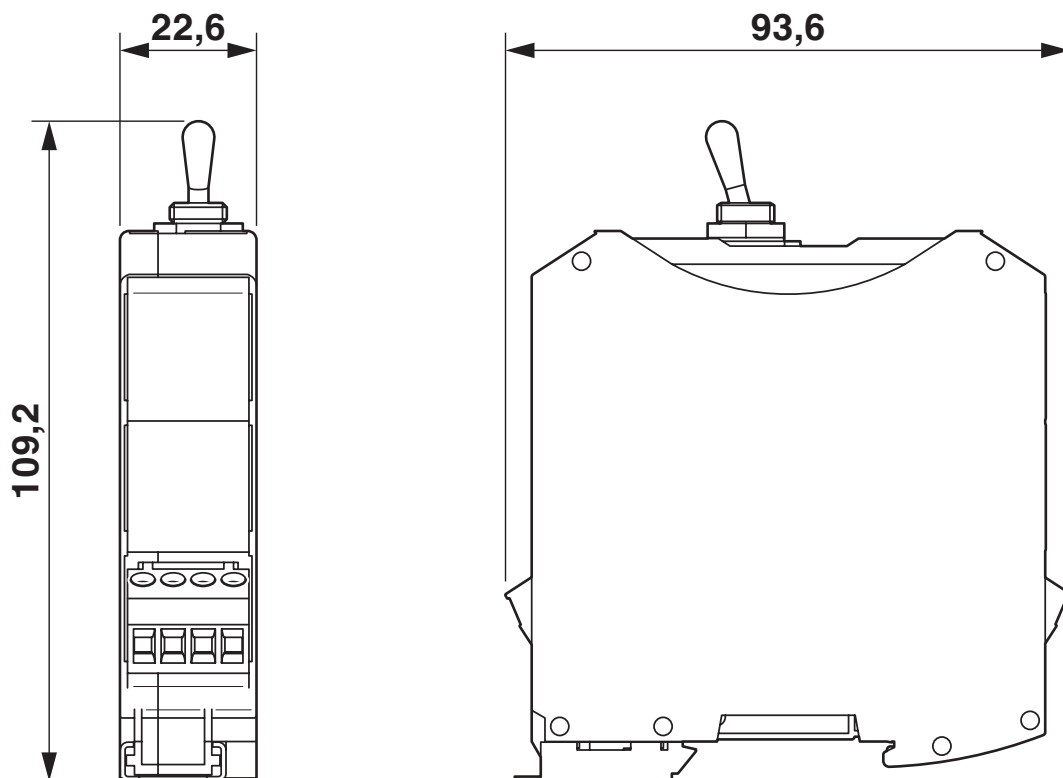


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Drawings

Dimensional drawing



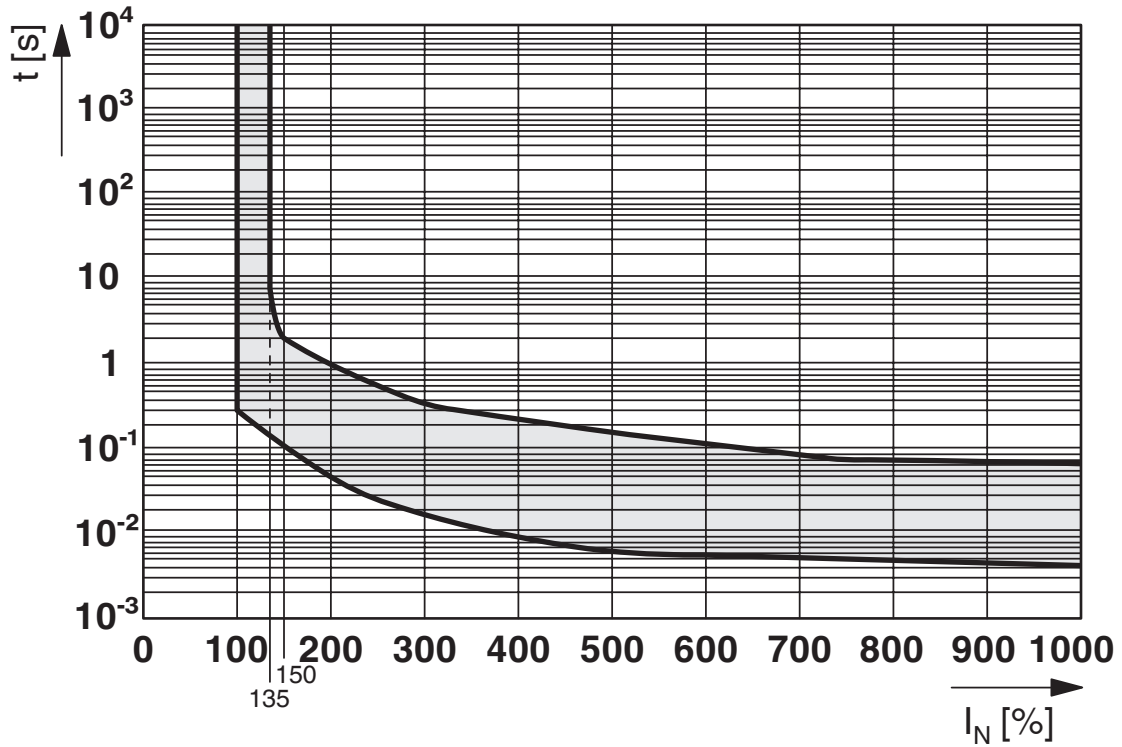
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Diagram



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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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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 |
|---|---|

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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