

2907202  
<https://www.phoenixcontact.com/ca/products/2907202>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



HMC series of supplemental circuit protector busbar modules, 3 A rating

Your advantages

- T-bus for up to 15 A power distribution
- 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                          | 2907202       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | CL34          |
| Product key                          | CLA181        |
| GTIN                                 | 4055626342443 |
| Weight per piece (including packing) | 222.222 g     |
| Weight per piece (excluding packing) | 222.222 g     |
| Country of origin                    | US            |

# HMC 11 120AC 3A C1D2 TBUS - Hydraulic-magnetic circuit breaker



2907202

<https://www.phoenixcontact.com/ca/products/2907202>

## 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

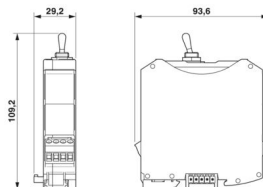
#### General

|                                                 |                                    |
|-------------------------------------------------|------------------------------------|
| Nominal current $I_N$                           | 3 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 <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Cross section AWG                       | 24 ... 12 (converted acc. to IEC)           |
| Conductor cross section flexible        | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section, flexible [AWG] | 24 ... 12 (converted acc. to IEC)           |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 29.2 mm                                                                              |
| Height              | 93.6 mm                                                                              |
| Depth               | 109.2 mm                                                                             |

# HMC 11 120AC 3A C1D2 TBUS - Hydraulic-magnetic circuit breaker



2907202

<https://www.phoenixcontact.com/ca/products/2907202>

## Material specifications

|                                        |                       |
|----------------------------------------|-----------------------|
| Color                                  | light grey (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 |

# HMC 11 120AC 3A C1D2 TBUS - Hydraulic-magnetic circuit breaker

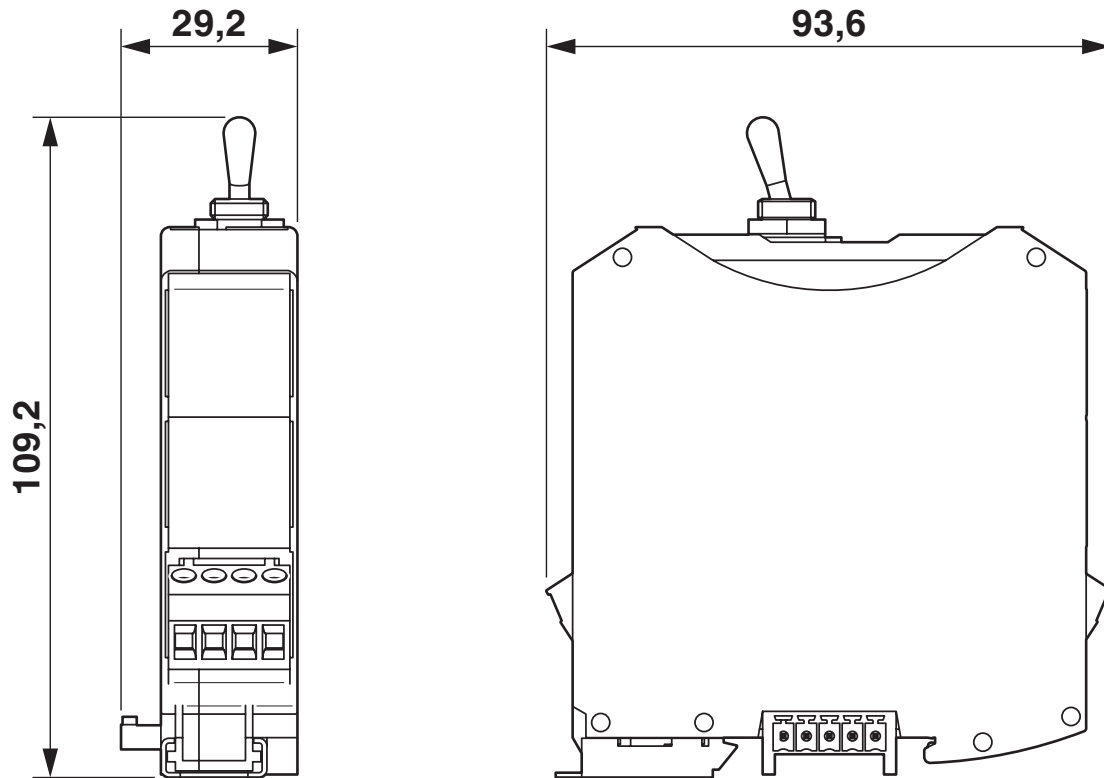


2907202

<https://www.phoenixcontact.com/ca/products/2907202>

## Drawings

Dimensional drawing



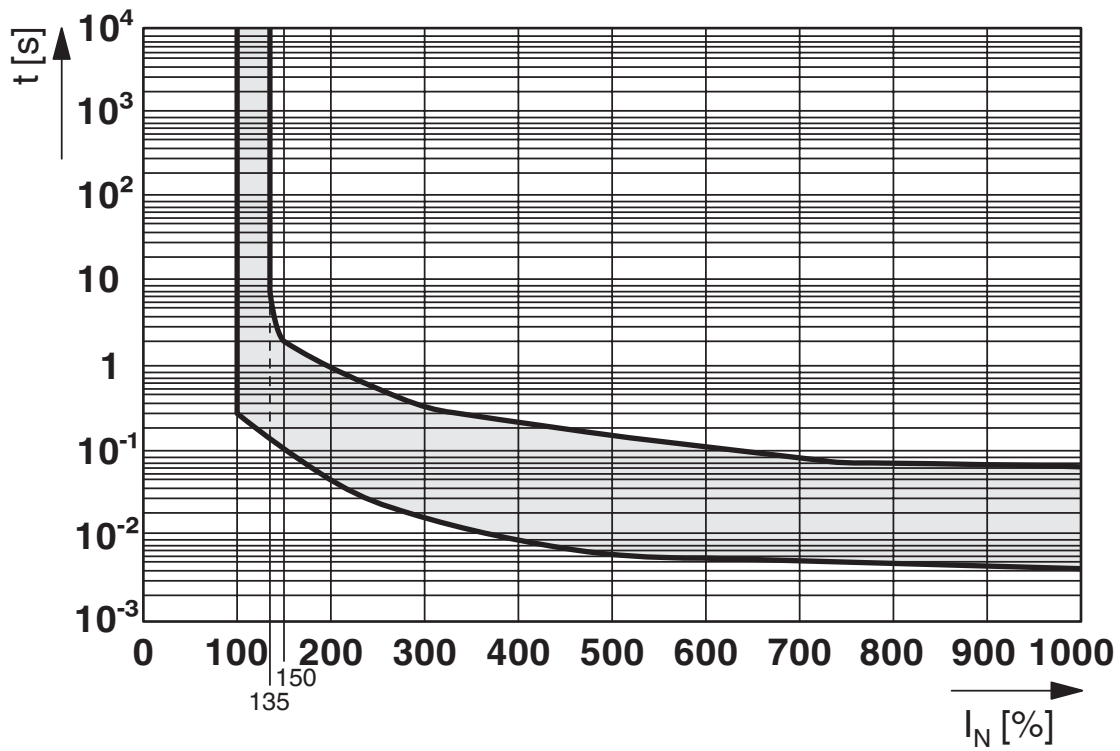
# HMC 11 120AC 3A C1D2 TBUS - Hydraulic-magnetic circuit breaker



2907202

<https://www.phoenixcontact.com/ca/products/2907202>

Diagram



2907202  
<https://www.phoenixcontact.com/ca/products/2907202>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ca/products/2907202>



**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

**cULus Recognized**

**cULus Recognized**

# HMC 11 120AC 3A C1D2 TBUS - Hydraulic-magnetic circuit breaker



2907202  
<https://www.phoenixcontact.com/ca/products/2907202>

## Classifications

### ECLASS

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

2907202  
<https://www.phoenixcontact.com/ca/products/2907202>

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%                                                                                                                                                                                                        |

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd  
8240 Parkhill Drive  
Milton, Ontario L9T 5V7  
1-800-890-2820  
[cdinfo@phoenixcontact.ca](mailto:cdinfo@phoenixcontact.ca)