

TMC 1 M1 100 32,0A - Thermal-magnetic device circuit breaker



0915472

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Thermal-magnetic circuit breaker, 1-pos., normal blow, 1 N/O contact, with universal foot for mounting on NS 32 or NS 35

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0915472 |
| Packing unit | 6 pc |
| Minimum order quantity | 1 pc |
| Sales key | CL04 |
| Product key | CLA121 |
| GTIN | 4046356338615 |
| Weight per piece (including packing) | 64 g |
| Weight per piece (excluding packing) | 53.378 g |
| Customs tariff number | 85362010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-----------------------|--|
| Product type | Thermomagnetic device circuit breakers |
| Product family | TMC |
| Type | DIN rail module, one-piece |
| Number of positions | 1 |
| Number of connections | 4 |
| Number of rows | 2 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical properties

| | |
|---------------------|------------------|
| Fuse type | Automatic device |
| Rated surge voltage | 4 kV |
| Fuse | M1 (normal blow) |

General

| | |
|------------------------|-----------------------|
| Tripping method | TM (thermal-magnetic) |
| Fuse | M1 (normal blow) |
| Contact switching type | 1 N/O contact |

Connection data

Main contact

| | |
|---|--|
| Connection method | Screw connection |
| Screw thread | M3 |
| Tightening torque | 0.6 ... 0.8 Nm |
| Stripping length | 12 mm |
| Internal cylindrical gage | A3 |
| Conductor cross-section rigid | 0.2 mm ² ... 6 mm ² |
| Cross section AWG | 24 ... 10 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.25 mm ² ... 2.5 mm ² |
| 2 conductors with same cross section, rigid | 0.2 mm ² ... 0.75 mm ² |
| 2 conductors with same cross section, flexible | 0.2 mm ² ... 0.75 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.25 mm ² ... 1 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 2.5 mm ² |
| Nominal current | 32 A |

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| | |
|-----------------|----------|
| Nominal voltage | 250 V AC |
| | 65 V DC |

Auxiliary contact

| | |
|---|--|
| Connection method | Screw connection |
| Screw thread | M3 |
| Tightening torque | 0.6 ... 0.8 Nm |
| Stripping length | 12 mm |
| Internal cylindrical gage | A1 |
| Conductor cross-section rigid | 0.2 mm ² ... 2.5 mm ² |
| Cross section AWG | 24 ... 14 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 2.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.25 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, rigid | 0.2 m ² ... 0.75 m ² |
| 2 conductors with same cross section, flexible | 0.2 m ² ... 0.75 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.25 mm ² ... 0.5 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 0.75 mm ² |
| Nominal current | 32 A |
| Nominal voltage | 250 V AC |
| | 65 V DC |

Dimensions

| | |
|--------|---------|
| Width | 12.5 mm |
| Height | 83.5 mm |
| Depth | 96 mm |

Material specifications

| | |
|--|------------------|
| Color | black (RAL 9005) |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |

Mounting

| | |
|---------------|-----------------|
| Mounting type | DIN rail: 35 mm |
|---------------|-----------------|

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Approvals

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UL Recognized

Approval ID: FILE E 140459

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27140401 |
| ECLASS-15.0 | 27140401 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003538 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121410 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-25 |
| | 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.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 4.623 kg CO2e |
|---------|---------------|

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com