

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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

The illustration shows version
TMC 1 F1 100 1A

Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 6 |
| Catalog page | Page 282 (CL-2002) |
| GTIN |  4 017918 009137 |
| Custom tariff number | 85362010 |
| Country of origin | GERMANY |

Technical data

General

| | |
|---|-------|
| Number of levels | 2 |
| Number of connections | 4 |
| Color | black |
| Insulating material | PA66 |
| Inflammability class according to UL 94 | V-2 |

Dimensions

| | |
|------------------|----------|
| Width | 12.5 mm |
| Length | 83.5 mm |
| Height NS 35/7.5 | 96 mm |
| Height NS 35/15 | 103.5 mm |
| Height NS 32 | 100.5 mm |

Technical data

| | |
|---------------------------|------------------|
| Fuse type | Automatic device |
| Pollution degree | 2 |
| Surge voltage category | II |
| Insulating material group | II |

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Technical data

Technical data

| | |
|---------------------------------|------------------|
| Nominal current I _N | 2 A |
| Nominal voltage U _N | 250 V AC |
| Nominal voltage U _N | 65 V DC |
| Ambient temperature (operation) | -30 °C ... 60 °C |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 12 mm |
| Internal cylindrical gage | A3 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

Classifications

eclass

| | |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
| eCl@ss 4.1 | 27141116 |

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Classifications

eclass

| | |
|------------|----------|
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |

etim

| | |
|----------|----------|
| ETIM 2.0 | EC000899 |
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |

unspsc

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11 | 39121411 |
| UNSPSC 12.01 | 39121411 |
| UNSPSC 13.2 | 39121411 |

Approvals

Certificates

Certification

CSA / UL Recognized / VDE approval of drawings / GOST

Certification EX

Certification submitted

Approval details

| |
|-----|
| CSA |
|-----|

| |
|---------------|
| UL Recognized |
|---------------|

| |
|--------------------------|
| VDE approval of drawings |
|--------------------------|

| |
|------|
| GOST |
|------|

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Accessories

Accessories

Assembly

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 32 CU/120QMM UNPERF 2000MM - 1201280



G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 32 CU/35QMM UNPERF 2000MM - 1201358



G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Accessories

DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Accessories

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

Assembly adapters - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

Bridges

Insertion bridge - EB 80-12 - 3009338

Insertion bridge, Number of positions: 80, Color: gray

Marking

Zack marker strip - ZB 6:SO/CMS - 1050499



Zack marker strip, white, For terminal block width: 6 mm

Tools

Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Accessories

Screwdriver - SZS 0,6X3,5 - 1205053

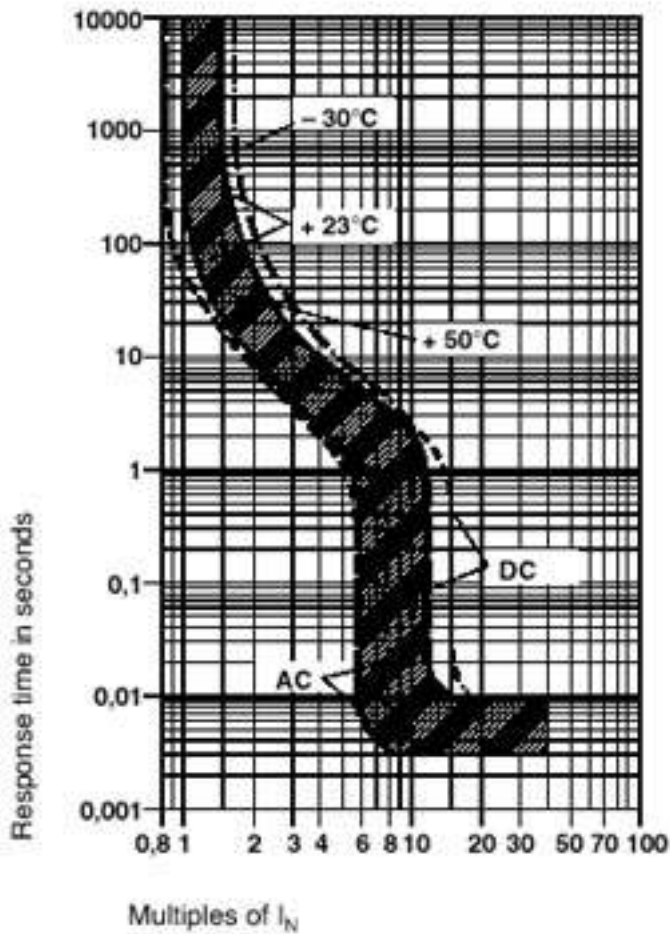


Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

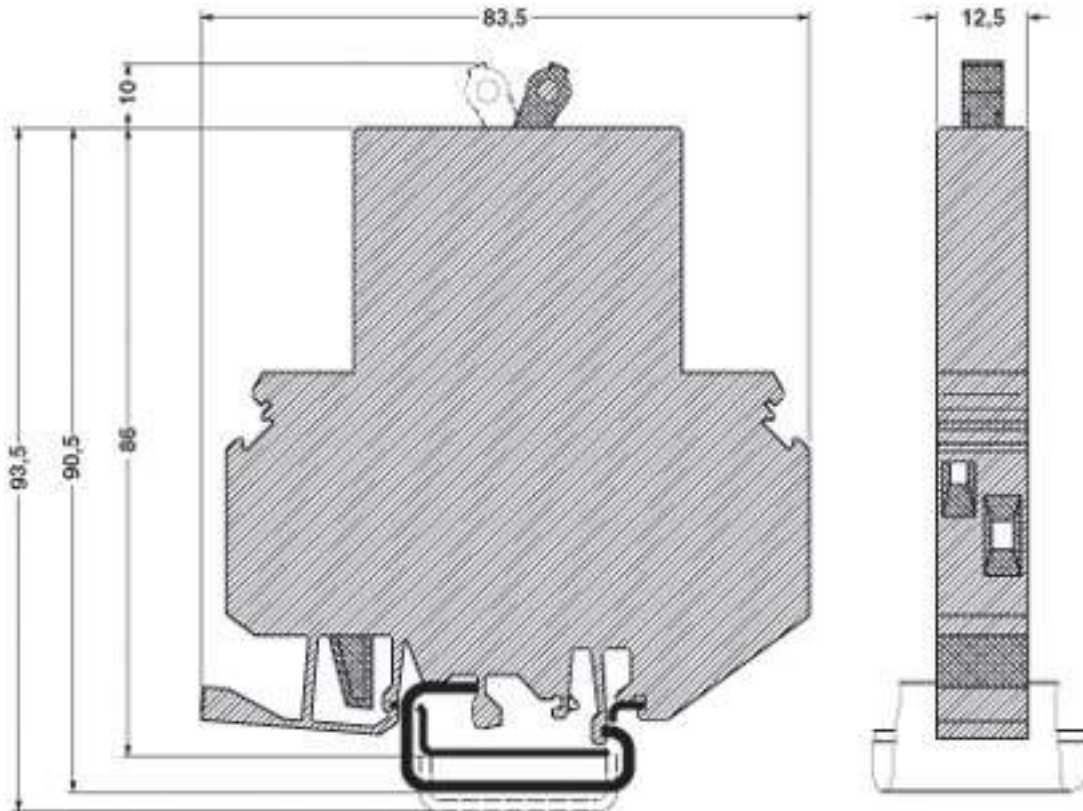
Diagram

lower tripping limit: $1.05 I_N$
upper tripping limit: $1.4 I_N$



Thermomagnetic device circuit breaker - TMC 1 M1 100 2,0A - 0914455

Dimensioned drawing



© Phoenix Contact 2012 - all rights reserved
<http://www.phoenixcontact.com>