

# Thermomagnetic device circuit breaker - TMC 1 M1 200 6,0A - 0914688

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Thermomagnetic circuit breaker, 1-pos., normal blow, 1 N/C 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                   | <br>4 017918 009366 |
| 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               |

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## Technical data

### Technical data

|                                 |                  |
|---------------------------------|------------------|
| Nominal current I <sub>N</sub>  | 6 A              |
| Nominal voltage U <sub>N</sub>  | 250 V AC         |
| Nominal voltage U <sub>N</sub>  | 65 V DC          |
| Ambient temperature (operation) | -30 °C ... 60 °C |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| 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 <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm <sup>2</sup>  |
| 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 |

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## 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

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#### Certification

CSA / UL Recognized / VDE approval of drawings / GOST

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#### Certification EX

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#### Certification submitted

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### Approval details

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

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

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

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

# Thermomagnetic device circuit breaker - TMC 1 M1 200 6,0A - 0914688

## Accessories

Accessories

Assembly

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

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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

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



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

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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

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DIN rail - NS 32 AL UNPERF 2000MM - 1201028



G rail 32 mm (NS 32)

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# Thermomagnetic device circuit breaker - TMC 1 M1 200 6,0A - 0914688

## Accessories

DIN rail - NS 32 UNPERF 2000MM - 1201015



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

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DIN rail - NS 32 PERF 2000MM - 1201002



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

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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

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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

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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

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## Accessories

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

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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

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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

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## Bridges

Insertion bridge - EB 80-12 - 3009338

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

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## Marking

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



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

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## Tools

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## Accessories

Screwdriver - SZS 0,6X3,5 - 1205053

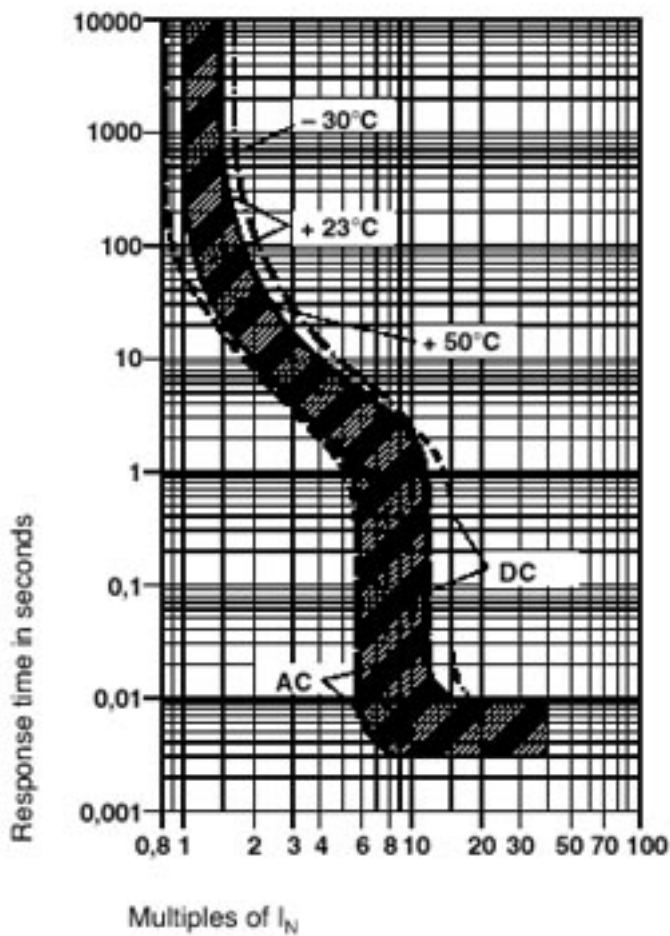


Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

## Drawings

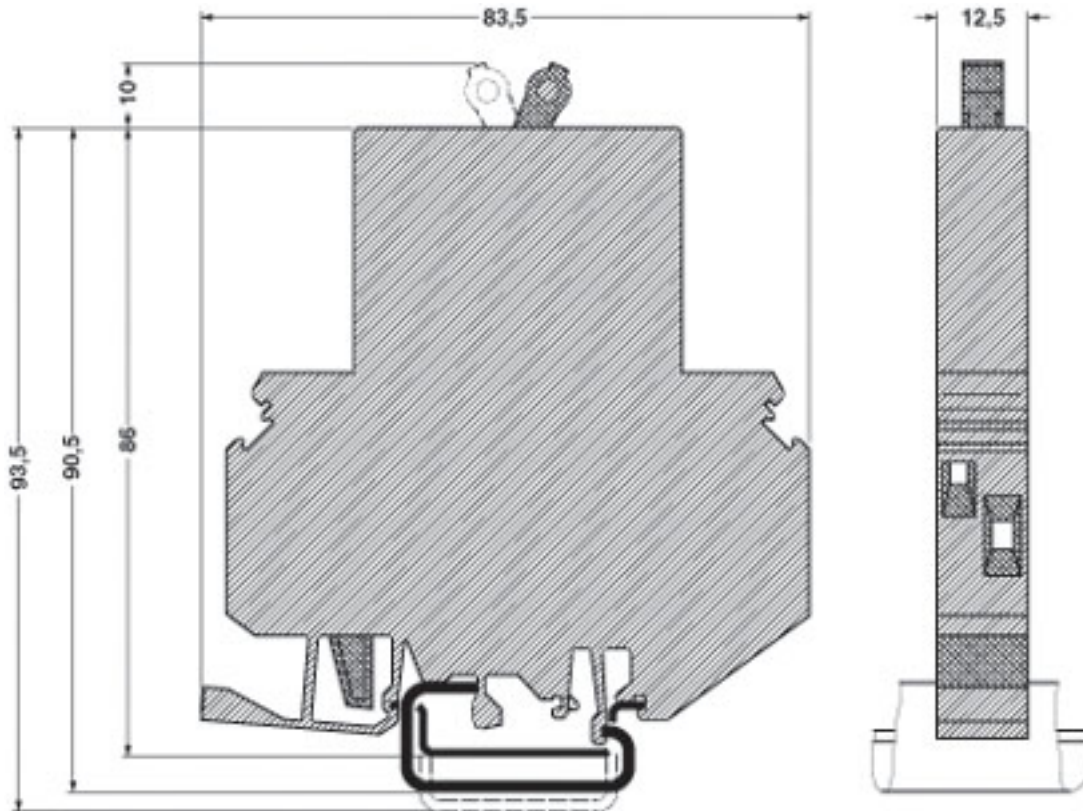
### Diagram

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



# Thermomagnetic device circuit breaker - TMC 1 M1 200 6,0A - 0914688

Dimensioned drawing



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