

**INDUSTRIAL COMPONENT DATA**

# TMC 1 F1 100 16,0A 0914183 PHOENIX CONTACT

## Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMC 1 F1 100 16,0A



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | TMC 1 F1 100 16,0A     |
| Catalog number  | 0914183                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-899A729D2A          |
| Generated       | 2026-08-06             |

### Product Overview

Thermomagnetic device circuit breaker

Thermomagnetic protection switch, 1 pole, fast, 1 open contact, with universal foot for mounting on NS 32 or NS 35

Thermal-magnetic protection switch, 1-pole, quick, with 1 closing contact, with universal foot for mounting on NS 32 or NS 35

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; Over Current Protection

### Additional Product Information

Key Commercial Data

Orderkey 0914183

Packing unit 6 pc

Note Made to Order (non-returnable)

Catalog page Page 282 (CL-2002)

GTIN 4017918008864

Weight per Piece (excluding packing) 67.750 g

Custom tariff number 85362010

Country of origin DE (Germany)

General

Number of levels 2

Number of connections 4

Mounting type DIN rail: 35 mm

Color black

Number of positions 1

Overvoltage category\_GRP II

Insulating material PA66

Flammability rating according to UL 94 V-2

Electrical data

Fuse type Automatic device

Rated surge voltage 2.5 kV

Rated voltage 65 V DC

Rated current I<sub>N</sub> 16 A

Insulation resistance R<sub>iso</sub> > 100 M $\Omega$  (500 V DC)

Rated short-circuit switching capacity I<sub>cn</sub> 2500 A (32 V DC)

Short-circuit switching capacity I<sub>k</sub> 2000 A (UL 1077: 65 V DC)

Dielectric strength 3000 V AC (Actuation area)

3000 V AC (Main to auxiliary circuit)

Switching cycles, max. 10000 (At 1 x I<sub>N</sub>, inductive)

Degree of pollution 2

Overvoltage category\_GRP II

Insulating material group II

Dimensions

Height 82.5 mm

Width 12.5 mm

Depth 96 mm

Ambient conditions

Degree of protection IP30 (Actuation area)

IP20 (Connection area)

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 flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 4 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conducto...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMC 1 F1 100 16,0A with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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