

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-87AD007DB8
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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 > 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_N 16 A

Insulation resistance R_{iso} > 100 M Ω (500 V DC)

Rated short-circuit switching capacity I_{cn} 2500 A (32 V DC)

Short-circuit switching capacity I_k 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_N, 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 mm²

Conductor cross section solid max. 6 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 4 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conducto...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMC 1 F1 100 16,0A with the required quantity to info@electricaonline.com or use 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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