INDUSTRIAL COMPONENT DATA

TMC 1 M1 100 5,0A 0914497 PHOENIX CONTACT Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMC 1 M1 100 5,0A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TMC 1 M1 100 5,0A
Catalog number	0914497
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-A5C6268B32
Generated	2026-11-19

Product Overview

Thermomagnetic device circuit breaker
Thermomagnetic protection switch, 1-pole, semi-flat, 1 open 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 0914497
Packing unit 6 pc
Catalog page Page 282 (CL-2002)
GTIN 4017918009175
Weight per Piece (excluding packing) 62.050 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 250 V AC
65 V DC
Rated current IN 5 A
Insulation resistance Riso > 100 M? (500 V DC)
Rated short-circuit switching capacity Icn 400 A
2500 A (32 V DC)
Short-circuit switching capacity Ik 5000 A (UL 1077: 277 V AC)
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 In, 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
Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMC 1 M1 100 5,0A 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.