INDUSTRIAL COMPONENT DATA

TMCP 1 M1 300 8,0A 0915823 PHOENIX CONTACT Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMCP 1 M1 300 8,0A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TMCP 1 M1 300 8,0A
Catalog number	0915823
Category	Device circuit breaker
Minimum order	6 Pcs
Document ID	EO-9DEB18C02D
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Product Overview

Thermomagnetic device circuit breaker
Thermomagnetic protection switch, 1-pole, semi-flat, 1 open contact and 1 closed contact
Thermal-magnetic circuit breaker, 1-pos., normal blow, 1 N/O contact and 1 N/C contact

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

Technical dataProduct propertiesProduct type Thermomagnetic device circuit breakers
Product family TMCP
Type Male
Number of positions 1
No. of channels 1
Insulation characteristics
Overvoltage category II
Degree of pollution 2
Electrical propertiesFuse type Automatic device
General
Rated voltage 250 V AC
65 V DC
Rated current IN 8 A

Rated surge voltage 2.5 kV
Insulation resistance Riso > 100 M? (500 V DC)
Auxiliary circuit 240 V AC / 1 A (Low-induction)
65 V AC / 1 A (Low-induction)
Tripping method TM (thermomagnetic)
Device resistance 0.02 ?
Rated short-circuit switching capacity Icn 800 A
2500 A (32 V DC)
Short-circuit switching capacity 5000 A (UL 1077: 277 V AC)
2000 A (UL 1077: 65 V DC)
Dielectric strength 3000 V AC (Actuation area)
1500 V AC (Main to auxiliary circuit)
1000 V AC (Auxiliary circuit 11 - 12 to 23 - 24)
Switching cycles, max. 10000 (At 1 x In, inductive)
Fuse M1 (normal blow)
Connection dataConnection method pluggable
Connection method pluggable
DimensionsWidth 12.5 mm
Height 50 mm
Depth 78.5 mm
Complete module width 38 mm
Complete module height 115 mm
Complete module depth 121 mm
Material specificationsColor black (RAL 9005)
Flammability rating according to UL 94 V-2
Insulating material group II
Insulating material PA66
Mechanical propertiesMechanical data
Open side panel No
Environmental and real-life conditionsAmbient conditions
Degree of protection IP30 (Actuation area)
IP00 (Connection area)
Ambient temperature (operation) -30 °C ... 60 °C
Humidity t...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMCP 1 M1 300 8,0A 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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