

INDUSTRIAL COMPONENT DATA

TMC 2 M1 120 3,0A 0915014 PHOENIX CONTACT

Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMC 2 M1 120 3,0A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TMC 2 M1 120 3,0A
Catalog number	0915014
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-78838C497E
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Product Overview

Thermomagnetic device circuit breaker

Thermomagnetic protection switch, 2-pole, semi-flat, 1 open contact and 1 closed contacts, with universal foot for mounting on NS 32 or NS 35

Thermal-magnetic circuit breaker, 2-pos., normal blow, 1 N/O contact and 1 N/C 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
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Additional Product Information

Technical dataProduct propertiesProduct type Thermomagnetic device circuit breakers

Product family TMC

Type DIN rail module, one-piece

Number of positions 2

Number of connections 4

Number of rows 2

No. of channels 1

Data management status

Article revision 05

Insulation characteristics

Overvoltage category II

Degree of pollution 2

Electrical properties Fuse type Automatic device

General

Rated voltage 250 V AC (3 AC 433 V)

65 V DC

Rated current I_N 3 A

Rated surge voltage 2.5 kV

Insulation resistance $R_{iso} > 100 \text{ M}\Omega$ (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 0.124 Ω

Rated short-circuit switching capacity I_{cn} 400 A

2500 A (32 V DC)

Short-circuit switching capacity 5000 A ()

2000 A (UL 1077: 65 V DC)

Dielectric strength 3000 V AC (Actuation area)

3000 V AC (Main to auxiliary circuit)

1500 V AC (Position to position)

Switching cycles, max. 10000 (At 1 x I_N , inductive)

Fuse M1 (normal blow)

Indicator/remote signaling

Connection name Auxiliary contact

Operating voltage 240 V AC

65 V DC

Operating current 3 A AC (Low-induction)

Connection data Main contact

Screw thread M3

Tightening torque 0.6 ... 0.8 Nm

Stripping length 12 mm

Internal cylindrical gage A3

Conductor cross section rigid 0.2 mm² ... 6 mm²

Cross section AWG 24 ... 10 (converted acc. to IEC)

Conductor cross section flexible 0.2 mm² ... 4 mm²

Conductor cross-section flexible (ferrule without plastic sleeve) 0.25 mm² ... 4 mm²

FI...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMC 2 M1 120 3,0A 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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