INDUSTRIAL COMPONENT DATA

TMC 1 F1 100 0,5A 0914044 PHOENIX CONTACT Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMC 1 F1 100 0,5A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TMC 1 F1 100 0,5A
Catalog number	0914044
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-412DC6C653
Generated	2026-11-19

Product Overview

Thermomagnetic device circuit breaker
Protection switches for thermomagnetic devices, number of poles: 1, connection type: Screw connection, cross-section: 0.2 mm²- 6 mm², AWG: 24 - 10, rated current: 0.5 A, fuse type: Automatic fuse, mounting class: Symmetrical rail: 35 mm
Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw connection, cross section: 0.2 mm2- 6 mm2, AWG: 24 - 10, nominal current: 0.5 A, fuse type: Automatic device, mounting type: DIN rail: 35 mm

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 TMC
Type DIN rail module, one-piece
Number of positions 1
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 propertiesFuse type Automatic device
General
Rated voltage 65 V DC
Rated current IN 0.5 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 6.8 ?
Rated short-circuit switching capacity Icn 2500 A (32 V DC)
Short-circuit switching capacity 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)
Fuse F1 (fast blow)
Indicator/remote signaling
Connection name Auxiliary contact
Operating voltage 240 V AC
65 V DC
Operating current 0.5 A AC (Low-induction)
Connection dataMain 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
Flexible conductor cross section (ferrule with plastic sleeve) 0.25 mm² ....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMC 1 F1 100 0,5A 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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