INDUSTRIAL COMPONENT DATA

TMC 1 F1 100 3,0A 0914112 PHOENIX CONTACT Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMC 1 F1 100 3,0A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TMC 1 F1 100 3,0A
Catalog number	0914112
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-AC4CD789FD
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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: 3 A, fuse type: Automatic fuse, mounting class: Symmetrical rail: 35 mm
Thermomagnetic circuit breaker, Number of poles: 1, Connection type: Screw connection, Cross-section: 0.2 mm2- 6 mm2, AWG: 24 - 10, Rated current: 3 A, Type of fuse: Automatic, 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

Key Commercial Data
Orderkey 0914112
Packing unit 6 pc
Note Made to Order (non-returnable)
Catalog page Page 282 (CL-2002)
GTIN 4017918008796
Weight per Piece (excluding packing) 70.640 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 IN 3 A
Insulation resistance Riso > 100 M? (500 V DC)
Rated short-circuit switching capacity Icn 2500 A (32 V DC)
Short-circuit switching capacity Ik 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
Conductor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TMC 1 F1 100 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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