

INDUSTRIAL COMPONENT DATA

TCP 5A 1538622 PHOENIX CONTACT Single-channel thermal switch for equipment protection, to protect consumers ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TCP 5A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TCP 5A
Catalog number	1538622
Category	Device circuit breaker
Minimum order	1 Pcs
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Product Overview

Single-channel thermal switch for equipment protection, to protect consumers at 250 V AC/72 V DC in case of overload. For installation in fuse terminal blocks and interfaces for flat insertable fuse of Form C according to ISO 8820-3. With fixed rated current: 5 A

Thermal appliance protection switches, number of poles: 1, fuse type: Slow, fuse type: Automatic fuse, mounting type: on base element

Thermal miniature circuit breaker, pluggable in screw-type fuse terminal block UK 6-FSI/C and spring-cage fuse terminal block ST 4-FSI/C

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 dataNotesGeneral When mounted in rows, the nominal device current can be limited to just 80% or must be overdimensioned accordingly.

Product propertiesType Male

Product type Thermal device circuit breakers

Number of positions 1

Insulation characteristics

Overvoltage category II

Degree of pollution 2

Electrical propertiesFuse type Automatic device

Maximum power dissipation for nominal condition ≤ 0.9 VA
Fuse Slow-blow
General
Rated voltage 250 V AC
65 V DC
250 V AC (AC according to UL 1077)
72 V DC (DC according to UL 1077)
Rated current I_N 5 A
Rated surge voltage 2.5 kV
Insulation resistance $R_{iso} > 100$ M Ω (500 V DC)
Tripping method T (thermal)
Device resistance 0.05 Ω
Rated short-circuit switching capacity I_{cn} 30 A (250 V AC / 65 V DC)
50 A (30 V DC)
Short-circuit switching capacity 2000 A (250 V AC / UL 1077)
2000 A (72 V DC / UL 1077)
Dielectric strength 3000 V AC (Actuation area)
1500 V AC (Installation area)
Switching cycles, max. 6000 (At 1 x I_N , low-induction)
3000 (At 1 x I_N , inductive)
500 (At 2 x I_N , inductive)
Connection dataConnection method pluggable
DimensionsDimensional drawing
Width 8.2 mm
Height 24.4 mm
Depth 44.5 mm
Material specificationsFlammability rating according to UL 94 V-0
Insulating material group IIIb
Insulating material PPS
Mechanical propertiesMechanical data
Open side panel No
Environmental and real-life conditionsAmbient conditions
Degree of protection IP40 (Actuation area)
Ambient temperature (operation) -20 °C ... 60 °C
Altitude ≤ 4000 m

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TCP 5A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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