

INDUSTRIAL COMPONENT DATA

TCP 8A 0712291 PHOENIX CONTACT Thermal device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TCP 8A



Manufacturer	PHOENIX CONTACT
MPN / Reference	TCP 8A
Catalog number	0712291
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-E1C97797F5
Generated	2026-08-02

Product Overview

Thermal device circuit breaker

Plug-in thermal switch on terminal for UK 6-FSI/C screw connection fuse and ST 4-FSI/C fuse spring terminal

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 0712291

Packing unit 20 pc

Catalog page Page 335 (C-4-2017)

GTIN 4017918848408

Weight per Piece (excluding packing) 10.630 g

Custom tariff number 85362010

Country of origin ID (Indonesia)

General

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

Mounting type on base element

Color black

Number of positions 1

Overvoltage category_GRP II

Insulating material PPS

Flammability rating according to UL 94 V0

Electrical data

Fuse Slow-blow

Fuse type Automatic device

Rated surge voltage 2.5 kV

Rated voltage 250 V AC

65 V DC

250 V (AC according to UL 1077)

72 V (DC according to UL 1077)

Rated current I_N 8 A

Insulation resistance $R_{iso} > 100\text{ M}\Omega$ (500 V DC)

Rated short-circuit switching capacity I_{cn} 64 A (250 V AC / 65 V DC)

160 A (30 V DC)

Short-circuit switching capacity I_k 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 ($A_t 1 \times I_N$, low-induction)

3000 ($A_t 1 \times I_N$, inductive)

500 ($A_t 2 \times I_N$, inductive)

Degree of pollution 2

Overvoltage category_GRP II

Insulating material group IIIb

Dimensions

Height 24.4 mm

Width 8.2 mm

Depth 44.5 mm

Height NS 35/7,5 55 mm

Ambient conditions

Degree of protection IP40 (Actuation area)

Ambient temperature (operation) -20 °C ... 60 °C

Standards and Regulations

Standards/specifications EN 60934

Environmental Product Compliance

Chi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TCP 8A 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.