

INDUSTRIAL COMPONENT DATA

CB TM1 0.5A F1 P 2800857 PHOENIX CONTACT

Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB TM1 0.5A F1 P



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB TM1 0.5A F1 P
Catalog number	2800857
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-E98C7CFC38
Generated	2026-09-28

Product Overview

Thermomagnetic device circuit breaker

Interrupt. protec. thermomagnetic, 1 pole, caract curve. activ. F1 (fast), 1 inverted contact, connector for base element.

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

Key Commercial Data

Orderkey 2800857

Packing unit 1 pc

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GTIN 4046356690263

Weight per Piece (excluding packing) 42.000 g

Custom tariff number 85362010

Country of origin ID (Indonesia)

Dimensions

Height 45 mm

Width 12.3 mm

Depth 52 mm

Complete module height 90 mm

Complete module width 12.3 mm

Complete module depth 77.3 mm

Ambient conditions

Ambient temperature (operation) -30 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Humidity test 240 h, 95 % RH, 40 °C

Shock (operation) 15g (According to IEC 60068-2-27, Test Ea)

Vibration (operation) 5g (In accordance with IEC 60068-2-6, Test Fc)

Degree of protection IP30 (Actuation area)

General

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

Flammability rating according to UL 94 V0

Mounting type on base element

Color gray

Number of positions 1

Insulating material group II

Degree of pollution 2

Type Male

Electrical data

Fuse type fast blow

Rated surge voltage 2.5 kV (Increased insulation in actuation area)

Rated voltage 50 V DC (IEC 60934)

50 V DC (UL 1077)

50 V DC (UL 508 - with plug-in base)

Rated current IN 0.5 A (IEC 60934)

inductive load according to UL 1077

0.5 A DC (low-induction load according to UL 1077)

0.5 A DC (inductive load according to UL 508 - with plug-in base)

0.5 A DC (low-induction load according to UL 508 - with plug-in base)

Rated insulation voltage Ui 277 V AC (UL 10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB TM1 0.5A F1 P 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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