

INDUSTRIAL COMPONENT DATA

CB TM1 12A SFB P 2800844 PHOENIX CONTACT

Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB TM1 12A SFB P



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB TM1 12A SFB P
Catalog number	2800844
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-863B8FFF93
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Product Overview

Thermomagnetic device circuit breaker

Interruption. Protec. thermomagnetic, 1 pole, characteristic curve. activ. SBF, 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**

Additional Product Information

Key Commercial Data

Orderkey 2800844

Packing unit 1 pc

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GTIN 4046356689953

Weight per Piece (excluding packing) 40.300 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) 30g (IEC 60068-2-27, Test Ea)

Vibration (operation) 8g (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 SFB

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 12 A (IEC 60934)

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

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

Rated insulation voltage Ui 277 V AC (UL 1077)

250 V AC (IEC 60934)

Power dissipation 2.88 W (in nominal operation per channel)

Device resistance 11 mΩ

Insulation resistance Riso > 100 MΩ

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB TM1 12A SFB 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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