

INDUSTRIAL COMPONENT DATA

CB TM2 12A SFB P 2800877 PHOENIX CONTACT

Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB TM2 12A SFB P



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB TM2 12A SFB P
Catalog number	2800877
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-DE226984A1
Generated	2026-09-25

Product Overview

Thermomagnetic device circuit breaker

Interruption. Protec. thermomagnetic, 2-pole, curve character. activ. SFB, 2 inverted contacts, 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 2800877

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356690324

Weight per Piece (excluding packing) 70.000 g

Custom tariff number 85362010

Country of origin ID (Indonesia)

Dimensions

Height 45 mm

Width 24.6 mm

Depth 52 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 2

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 80 V DC (IEC 60934)

80 V DC (UL 1077)

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

Rated current IN 12 A (IEC 60934)

inductive load according to UL 1077

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

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

12 A DC

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 (500 V....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB TM2 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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