

INDUSTRIAL COMPONENT DATA

CBM E4 24DC/0.5-10A NO-R 2905743 PHOENIX CONTACT

Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CBM E4 24DC/0.5-10A NO-R



Manufacturer	PHOENIX CONTACT
MPN / Reference	CBM E4 24DC/0.5-10A NO-R
Catalog number	2905743
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-CB97E93C65
Generated	2026-08-04

Product Overview

Electronic device circuit breaker

Multi-channel electronic device protection switch with active current limitation to protect four consumers in 24 V DC in case of overload and short circuit. With assist for rated current and electronic locking of the set rated currents. For installation on DIN rails.

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 2905743

Packing unit 1 pc

Catalog page Page 314 (C-4-2017)

GTIN 4046356992350

Weight per Piece (excluding packing) 234.600 g

Custom tariff number 85362010

Country of origin DE (Germany)

Dimensions

Height 130 mm

Width 41 mm

Depth 121 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 70 °C (Startup at -40 °C type-tested)

-25 °C ... 65 °C (for UL 2367)

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

Humidity test 240 h, 95 % RH, 40 °C

Altitude ≤ 6000 m (amsl (above mean sea level))

Shock (operation) 30g (IEC 60068-2-27, Test Ea)

Vibration (operation) 5 Hz ... 24.9 Hz (Amplitude ±1.6 mm; in accordance with IEC 60068-2-6, Test Fc)

24.9 Hz ... 150 Hz (Acceleration 4g; in accordance with IEC 60068-2-6, Test Fc with additional resonance frequency testing in accordance with DNV GL)

Degree of protection IP20

General

Flammability rating according to UL 94 V-0

Mounting type DIN rail: 35 mm

Color light grey RAL 7035

Number of positions 4

Protection class III

Type DIN rail module, one-piece

Electrical data

Fuse type electronic

Rated surge voltage 0.5 kV

Operating voltage 18 V DC ... 30 V DC

Rated voltage 24 V DC

Rated current I_N max. 40 A DC

0.5 / 1 / 2 / 4 / 6 / 10 A DC (adjustable per output channel)

Measuring tolerance I typ. 40 % (0.5 A ... 1 A)

typ. 10 % (2 - 10 A)

Feedback resistance max. 35 V DC

Fail-safe element 15 A DC (per output channel)

Active current limitation typ. 2.0 x I_N (0.5 - 1 A)

typ. 1.5 x I_N (2 - 10 A)

Efficiency > 99 %...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CBM E4 24DC/0.5-10A NO-R 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.