

INDUSTRIAL COMPONENT DATA

CBMC E4 24DC/1-10A IOL 2910411 PHOENIX CONTACT

Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CBMC E4 24DC/1-10A IOL



Manufacturer	PHOENIX CONTACT
MPN / Reference	CBMC E4 24DC/1-10A IOL
Catalog number	2910411
Category	Device circuit breaker
Minimum order	1 Pcs
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Product Overview

Electronic device circuit breaker

Multi-channel electronic equipment protection switch with IO-Link interface to protect four consumers in 24 V DC in case of overload and short circuit. With 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
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Additional Product Information

Key Commercial Data

Orderkey 2910411

Packing unit 1 pc

GTIN 4055626448572

Weight per Piece (excluding packing) 125.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

Dimensions

Height 90 mm

Width 36 mm

Depth 98 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 70 °C

Humidity test 96 h, 95 % RH, 40 °C

Altitude ≤ 2000 m (amsl (above mean sea level))

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

Vibration (operation) 10 Hz ... 57.6 Hz (Amplitude ±0.35 mm; in accordance with IEC 60068-2-6, Test Fc)

57.6 Hz ... 150 Hz (Acceleration 5g; in accordance with IEC 60068-2-6, Test Fc)

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 (I_N+)

max. 40 A DC (per terminal position when bridging additional devices via I_N+)

1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 A DC (adjustable per output channel)

Measuring tolerance I ± 15 %

Feedback resistance max. 35 V DC

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

Efficiency > 99 %

Closed circuit current I_O typ. 33 mA

Power dissipation typ. 0.8 W (No-load operation)

< 9 W (Nominal operation)

Module initialization time 1.6 s

Waiting time after switch off of a ch...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CBMC E4 24DC/1-10A IOL 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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