INDUSTRIAL COMPONENT DATA

# CBMC E4 24DC/1-4A+ IOL 2910410 PHOENIX CONTACT Electronic device circuit breaker

**Brand: PHOENIX CONTACT | Manufacturer Part Number: CBMC E4 24DC/1-4A+ IOL**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | CBMC E4 24DC/1-4A+ IOL |
| Catalog number | 2910410 |
| Category | Device circuit breaker |
| Minimum order | 1 Pcs |
| Document ID | EO-2B17FE9A2A |
| Generated | 2026-11-19 |

## 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 |

## Additional Product Information

Key Commercial Data
Orderkey 2910410
Packing unit 1 pc
GTIN 4055626448558
Weight per Piece (excluding packing) 139.000 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 IN max. 16 A DC (IN+)
max. 40 A DC (per terminal position when bridging additional devices via IN+)
1 / 2 / 3 / 4 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 I0 typ. 33 mA
Power dissipation typ. 0.8 W (No-load operation)
< 4 W (Nominal operation)
Module initialization time 1.6 s
Waiting time after switch off of a channel 5 s (at overload /....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CBMC E4 24DC/1-4A+ 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

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.