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
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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

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

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