

INDUSTRIAL COMPONENT DATA

CB E1 24DC/10A NO P 2800907 PHOENIX CONTACT

Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB E1 24DC/10A NO P



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB E1 24DC/10A NO P
Catalog number	2800907
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-0CED23178A
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Product Overview

Electronic device circuit breaker

Interruption. Protec. Electronic, 1 pole, active current limiter, 1 NO contact, connector for base element.

Electronic protection switch, 1 pole, active current limiting, 1 closing contact, plug 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 2800907

Packing unit 1 pc

GTIN 4046356690775

Weight per Piece (excluding packing) 36.300 g

Custom tariff number 85362010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 12.3 mm

Depth 52 mm

Complete module height 90 mm

Complete module width 12.3 mm

Complete module depth 77.3 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 50 °C
Ambient temperature (storage/transport) -40 °C ... 70 °C
Humidity test 96 h, 95% RH, 40°C
Vibration (operation) 3g (In accordance with IEC 60068-2-6, Test Fc)
Degree of protection IP30 (Actuation area)
General
Flammability rating according to UL 94 V-0
Mounting type on base element
Color gray
Number of positions 1
Type Male
Electrical data
Fuse type electronic
Rated surge voltage 0.5 kV
Operating voltage 24 V DC
18 V DC ... 30 V DC
Nominal current I_N 10 A
Fail-safe element 15 A DC
Active current limitation typ. 1.25 x I_N
Closed circuit current I_O typ. 8 mA (When switched on)
typ. 17 mA (With alarm output)
Power dissipation 1.61 W (Nominal operation)
Temperature derating 9 A (at 50 °C)
Tripping method E (electronic)
Required backup fuse not required, integrated failsafe element
Dielectric strength max. 30 V DC (Load circuit)
Voltage drop 120 mV (at I_N)
Shutdown time load circuit 80 ms (see time/current characteristic curve)
Undervoltage shutdown load circuit < 14 V (typ. OFF)
> 17 V (typ. ON)
Max. capacitive load load circuit 20000 µF
Auxiliary type of contact floating signal contact
Minimum aux...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB E1 24DC/10A NO 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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