

INDUSTRIAL COMPONENT DATA

CB E1 24DC/8A S-C P 2800927 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB E1 24DC/8A S-C P



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB E1 24DC/8A S-C P
Catalog number	2800927
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-0AD1BA8371
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Product Overview

Electronic device circuit breaker

Interruption. Protec. Electronic, 1 pole, active current limiter, status output and control input, connector 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 2800927

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356690836

Weight per Piece (excluding packing) 37.100 g

Custom tariff number 85362010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 12.3 mm

Depth 52 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 50 °C (non-condensing)
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 V0
Mounting type on base element
Color gray
Number of positions 1
Degree of pollution 2
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 8 A
Rated insulation voltage U_i 30 V (Load circuit)
Active current limitation typ. $1.25 \times I_N$
Closed circuit current I_0 typ. 8 mA (When switched on)
typ. 11 mA (With status output)
Power dissipation 1.06 W (Nominal operation)
Temperature derating 7.2 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
Output voltage st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB E1 24DC/8A S-C 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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