

INDUSTRIAL COMPONENT DATA

CB E1 24DC/8A S-R P 2800913 PHOENIX CONTACT Electronic device circuit breaker

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB E1 24DC/8A S-R P
Catalog number	2800913
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-9A5D76197E
Generated	2026-08-03

Product Overview

Electronic device circuit breaker

Interruption. Protec. Electronic, 1-pole, active current limiter, status output and reset 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
--------------	---

Additional Product Information

Key Commercial Data

Orderkey 2800913

Packing unit 1 pc

Catalog page Page 323 (C-4-2017)

GTIN 4046356691000

Weight per Piece (excluding packing) 36.400 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

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_O 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 100 mV (at I_N)

Shutdown time load circuit 100 ms (see time/current characteristic curve)

Undervoltage shutdown load circuit < 14 V (typ. OFF)

> 17 V (typ. ON)

Max. capacitive load load circuit 20000 μ F

Output voltage status output 24 V DC

Output current status output max...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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.