

## INDUSTRIAL COMPONENT DATA

# CB E1 24DC/4A NC P 2800918 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB E1 24DC/4A NC P



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | CB E1 24DC/4A NC P     |
| Catalog number  | 2800918                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-94AAE54B43          |
| Generated       | 2026-08-03             |

## Product Overview

Electronic device circuit breaker

Interruption. Protec. Electronic, 1 pole, active current limiter, 1 NC contact, 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 &gt; Over Current Protection

## Additional Product Information

Key Commercial Data

Orderkey 2800918

Packing unit 1 pc

Catalog page Page 323 (C-4-2017)

GTIN 4046356690676

Weight per Piece (excluding packing) 35.900 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 (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

Installation instructions When mounted in rows without convection cooling, the nominal device current should only be led to a maximum of 80% due to the thermal effect during continuous operation (100% operating factor).

Special precautionary measures must be taken in systems or machines, to prevent components from restarting (e.g., use of a safety PLC).

Parallel connection of multiple circuit breakers is not permitted.

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 IN 4 A

Active current limitation typ. 1.25 x IN

Closed circuit current IO typ. 8 mA (When switched on)

typ. 17 mA (With alarm output)

Power dissipation 0.81 W (Nom...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB E1 24DC/4A NC P with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.