

## INDUSTRIAL COMPONENT DATA

# CB E1 24DC/1A S-R P 2800908 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB E1 24DC/1A S-R P



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | CB E1 24DC/1A S-R P    |
| Catalog number  | 2800908                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-0B3D9F0708          |
| 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 2800908

Packing unit 1 pc

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GTIN 4046356690850

Weight per Piece (excluding packing) 35.500 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  $I_N$  1 A

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 0.4 W (Nom...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB E1 24DC/1A S-R 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

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