

## INDUSTRIAL COMPONENT DATA

# PTCB E1 24DC/1A NO 2909902 PHOENIX CONTACT

## Single-channel electronic circuit breaker for protecting 24 V DC ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTCB E1 24DC/1A NO



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | PTCB E1 24DC/1A NO     |
| Catalog number  | 2909902                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-DF4B2408C6          |
| Generated       | 2026-08-05             |

### Product Overview

Single-channel electronic circuit breaker for protecting 24 V DC loads against overload and short circuit. Simple potential distribution using components from the CLIPLINE complete terminal block system. With fixed nominal current. For installation on DIN rails.

Electronic switch for protection of single-channel equipment to protect consumers in 24 V DC in case of overload and short circuit. Easy potential distribution with the components of the CLIPLINE complete terminal block system. With fixed rated current. For installation on DIN rails.

## 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 2909902

Packing unit 1 pc

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GTIN 4055626408705

Weight per Piece (excluding packing) 40.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Drawings

Ambient conditions

Electrical data

Signaling

Standards and Regulations

Classifications

Dimensions

General

Remote indication contact

Connection data

Environmental Product Compliance

Drawings

Application drawing

Application drawing

Diagram

Trigger characteristic in the DC range

Diagram

Total current input

Dimensional drawing

Product drawing

Back to topDimensions

Height 105.8 mm

Width 6.2 mm

Depth 55.6 mm (incl. DIN rail 7.5 mm)

Back to topAmbient conditions

Ambient temperature (operation) -30 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 70 °C

Humidity test 96 h, 95 % RH, 40 °C

Altitude <= 3000 m up to 52 °C (amsl (above mean sea level))

<= 4000 m up to 46 °C (amsl (above mean sea level))

Shock (operation) 30g (IEC 60068-2-27, Test Ea)

Vibration (operation) 10 Hz ... 59.6 Hz (Amplitude  $\pm 0.35$  mm; in accordance with IEC 60068-2-6, Test Fc)

59.6 Hz ... 150 Hz (Acceleration 5g; in accordance with IEC 60068-2-6, Test Fc)

Degree of protection IP20

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Flammability rating according to UL 94 V-0

Mounting type DIN rail: 35 mm

Color traffic grey A RAL 7042

Number of positions 1

Protection class III

Type DIN rail module, one-piece

Back to topElectrical data

Fuse type electronic

Rated surge voltage 0.5 kV

Operating voltage 18 V DC ... 30 V D...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTCB E1 24DC/1A NO 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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