

## INDUSTRIAL COMPONENT DATA

# PTCB E1 24DC/0.2A SI-R 1361049 PHOENIX CONTACT

## Protection of single-channel electronic equipment for consume..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTCB E1 24DC/0.2A SI-R



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | PTCB E1 24DC/0.2A SI-R |
| Catalog number  | 1361049                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-9EDCC97AC5          |
| Generated       | 2026-09-28             |

## Product Overview

Protection of single-channel electronic equipment for consumers of 12-24 V DC. Fixed rated current value: 0.2 A. With remote signal, remote reset and active current limiting. Can be combined with CLIPLINE rail terminals. For installation on DIN rails.

Electronic Appliance Protection Switches

Single-channel, electronic device protection for 12-24 V DC loads. Fixed nominal current value: 0.2 A. With remote signaling, remote reset, and active current limitation. Can be combined with CLIPLINE terminal blocks. 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 > Over Current Protection |
|--------------|-------------------------------------------|

## Additional Product Information

Technical dataNotesGeneral

Note Connection for signal line tested in accordance with EN 61000-4-4 with 1 kV; if necessary, customer must provide appropriate protective measures

Repeated hard short circuits can reduce the melting integral of the integrated backup fuse.

Product propertiesType DIN rail module, one-piece

Product type Device circuit breakers

Product family PTCB

Number of positions 1

No. of channels 1

Insulation characteristics

Protection class III

Pollution degree 2

Electrical properties No. of channels 1

General

Operating voltage 10 V DC ... 30 V DC

Rated voltage 24 V DC

Rated current IN 15 A DC (Total current input)

0.2 A DC (Rated current output)

Rated current IN 0.2 A DC

Rated current (pre-adjusted) 0.2 A

Rated surge voltage 0.5 kV

Tripping method E (electronic)

Feedback resistance max. 35 V DC

Required backup fuse Only required if  $I_{max}$  of the power supply > the short-circuit switching capacity. Integrated failsafe element.

Short-circuit switching capacity 300 A

Dielectric strength max. 35 V DC (Load circuit)

Active current limitation typ.  $1,1 \times I_N$

Fuse electronic

Efficiency > 98.5 %

Closed circuit current  $I_0$  typ. 3.8 mA

Power dissipation typ. 0.1 W (No-load operation)

< 0.7 W (Nominal operation)

Module initialization time 40 ms

Waiting time after switch off of a channel 5 s (at overload / short circuit)

Measuring tolerance  $I \pm 8 \%$

Temperature derating 15 A (Total current at 60°C)

20 A (Total current at 50°C)

MTBF (IEC 61709, SN 29500) 27746947 h (at 25 °C with...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTCB E1 24DC/0.2A SI-R 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

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