

INDUSTRIAL COMPONENT DATA

PTCB E1 24DC/0.5A SI-R 1361043 PHOENIX CONTACT

Protection of single-channel electronic equipment for consume..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTCB E1 24DC/0.5A SI-R



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTCB E1 24DC/0.5A SI-R
Catalog number	1361043
Category	Device circuit breaker
Minimum order	1 Pcs
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Product Overview

Protection of single-channel electronic equipment for consumers of 12-24 V DC. Fixed rated current value: 0.5 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

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

Observation Connection for the signal line tested according to EN 61000-4-4 with 1 kV; If applicable, protective measures should be provided on the client's side

Repeated strong short circuits can reduce the melting integral of the integrated safety fuse.

Item PropertiesConstruction Rail-mounted, one-piece module

Product Type Appliance Protection Switches, Electronic

Product Family PTCB

Number of poles 1

Number of channels 1

Insulation Properties

Kind of protection Iii

Degree of pollution 2

Electrical PropertiesNumber of channels 1

General

Operating voltage 10 V DC ... 30 V DC

Nominal voltage 24 V DC

Rated Current IN 15 A DC (Total Input Current)

0.5 A DC (Rated Current Output)

Rated Current IN 0.5 A DC

Rated current (preset) 0.5 A

Dimensioning Transient Voltage 0.5 kV

Shot Type E (electronic)

Recirculation Resistance max. 35 V DC

Pre-fuse required It is only necessary if IMaxof the power supply is > the ability to short circuit. Built-in safety feature.

Short-circuit breakdown capability 300 A

Dielectric Strength max. 35 V DC (Charging circuit)

Active Current Limiting Typ. 1.1 x IN

Fuse electronic

Yield > 98.5%

Resting Current IO Typ. 3.8 mA

Dissipated Power Typ. 0.1W (no load)

< 0.7 W (in nominal operation)

Module Initialization Time 40 ms

Timeout after disconnecting a channel 5 sec (in overload/short circuit)

Measurement Tolerance I $\pm$ 7%

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

20 A (Total current at 50°C)

MTBF (IEC 61709, SN 29500) 271...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTCB E1 24DC/0.5A SI-R with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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