INDUSTRIAL COMPONENT DATA

PTCB E1 24DC/4A NO 2909906 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTCB E1 24DC/4A NO



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTCB E1 24DC/4A NO
Catalog number	2909906
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-91D4F8012E
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Product Overview

Electronic device circuit breaker
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.
Single-channel electronic circuit breaker for the protection of 24 V DC consumers in the event of overload and short circuit. Simple 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 > Over Current Protection

Additional Product Information

Key Commercial Data
Orderkey 2909906
Packing unit 1 pc
GTIN 4055626408736
Weight per Piece (excluding packing) 27.580 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 105.8 mm

Width 6.2 mm
Depth 55.6 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -40 °C ... 70 °C
Humidity test 96 h, 95 % RH, 40 °C
Altitude <= 2000 m (amsl (above mean sea level))
Shock (operation) 30g (IEC 60068-2-27, Test Ea)
Vibration (operation) 10 Hz ... 59.6 Hz (Amplitude ±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
General
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
Electrical data
Fuse type electronic
Rated surge voltage 0.5 kV
Operating voltage 18 V DC ... 30 V DC
Rated voltage 24 V DC
Rated current IN 24 A DC (Total current input)
4 A DC (Rated current output)
Measuring tolerance I ± 15 %
Feedback resistance max. 35 V DC
Fail-safe element 4 A DC
Efficiency > 99 %
Closed circuit current I0 typ. 12 mA
Power dissipation typ. 0.3 W (No-load operation)
< 1.3 W (Nominal operation)
Module initialization time 1 s
Waiting time after switch off of a channel 5 s (at overload / short circuit)
Temperature derating 21 A (Total current at 60°C)
24 A (Total current at 50°C)
4 A (Ch...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTCB E1 24DC/4A NO with the required quantity to info@electricaonline.com or use 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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