INDUSTRIAL COMPONENT DATA

CB E1 24DC/8A S-R P 2800913 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: CB E1 24DC/8A S-R P



Manufacturer	PHOENIX CONTACT
MPN / Reference	CB E1 24DC/8A S-R P
Catalog number	2800913
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-C80033599B
Generated	2026-11-18

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 2800913
Packing unit 1 pc
Catalog page Page 323 (C-4-2017)
GTIN 4046356691000
Weight per Piece (excluding packing) 36.400 g
Custom tariff number 85362010
Country of origin DE (Germany)
Dimensions
Height 45 mm
Width 12.3 mm
Depth 52 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 50 °C

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
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 IN 8 A
Rated insulation voltage Ui 30 V (Load circuit)
Active current limitation typ. 1.25 x IN
Closed circuit current I0 typ. 8 mA (When switched on)
typ. 11 mA (With status output)
Power dissipation 1.06 W (Nominal operation)
Temperature derating 7.2 A (at 50 °C)
Tripping method E (electronic)
Required backup fuse not required, integrated failsafe element
Dielectric strength max. 30 V DC (Load circuit)
Voltage drop 100 mV (at IN)
Shutdown time load circuit 100 ms (see time/current characteristic curve)
Undervoltage shutdown load circuit < 14 V (typ. OFF)
> 17 V (typ. ON)
Max. capacitive load load circuit 20000 µF
Output voltage status output 24 V DC
Output current status output max...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CB E1 24DC/8A S-R P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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