

INDUSTRIAL COMPONENT DATA

EC-E1 12A 0903031 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: EC-E1 12A



Manufacturer	PHOENIX CONTACT
MPN / Reference	EC-E1 12A
Catalog number	0903031
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-AB4ADE6B5C
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Product Overview

Electronic device circuit breaker

Electronic protection switch, signal contact: 1 open contact, rated current: 12 A

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 0903031

Packing unit 6 pc

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GTIN 4046356328067

Weight per Piece (excluding packing) 70.350 g

Custom tariff number 85362010

Country of origin DE (Germany)

General

Installation instructions When mounted in rows without convection cooling, the nominal device current should only be led to a maximum of 80% due to the thermal effect during continuous operation (100% operating factor).

Special precautionary measures must be taken in systems or machines, to prevent components from restarting (e.g., use of a safety PLC).

Parallel connection of multiple circuit breakers is not permitted.

Mounting type DIN rail: 35 mm

Color black

Flammability rating according to UL 94 V0

Electrical data

Fuse electronic

Fuse type Automatic device

Rated surge voltage 0.5 kV

Operating voltage 24 V DC

18 V DC ... 32 V DC

Nominal current IN 12 A

Required backup fuse not required, integrated failsafe element

Dielectric strength max. 32 V DC (Load circuit)

Degree of pollution 2

Switching capacity ICN Active current limitation

Closed-circuit current range IO typ. 25 mA $\pm$ 5 mA (When switched on)

Dimensions

Height 83 mm

Width 12.5 mm

Depth 80 mm

Height NS 35/7,5 83 mm

Height NS 35/15 90.5 mm

Ambient conditions

Degree of protection IP20 (Housing)

Ambient temperature (operation) 0 °C ... 50 °C (non-condensing)

Connection data

Conductor cross section solid min. 0.5 mm²

Conductor cross section solid max. 16 mm²

Conductor cross section flexible min. 0.5 mm²

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EC-E1 12A 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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