

**INDUSTRIAL COMPONENT DATA**

# EC-E4 12A 0903039 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: EC-E4 12A



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | EC-E4 12A              |
| Catalog number  | 0903039                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-A715EAC3D6          |
| Generated       | 2026-08-02             |

## Product Overview

Electronic device circuit breaker

Electronic protection switch, signal contact: 1 closed 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 &gt; Over Current Protection

## Additional Product Information

Key Commercial Data

Orderkey 0903039

Packing unit 6 pc

Note Made to Order (non-returnable)

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GTIN 4046356328142

Weight per Piece (excluding packing) 67.300 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 ±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 mm<sup>2</sup>

Conductor cross section solid max. 16 mm<sup>2</sup>

Conductor c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EC-E4 12A 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

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