

INDUSTRIAL COMPONENT DATA

ECP-E3 1A 0912041 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: ECP-E3 1A



Manufacturer	PHOENIX CONTACT
MPN / Reference	ECP-E3 1A
Catalog number	0912041
Category	Fuse terminal block
Minimum order	1 Pcs
Document ID	EO-588D7DD1F9
Generated	2026-08-03

Product Overview

Electronic device circuit breaker

Electronic device protection switches, number of poles: 1, connection type: Screw connection, width: 12.5 mm, fuse type: electronic, fuse type: automatic fuse, mounting class: in base element, Color: black

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
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Additional Product Information

Key Commercial Data

Orderkey 0912041

Packing unit 5 pc

Note Made to Order (non-returnable)

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GTIN 4046356144216

Weight per Piece (excluding packing) 43.200 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.

Number of levels 1

Mounting type on base element

Color black

Number of positions 1

Overvoltage category_GRP II

Insulating material PA66/6

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

24 V DC (at 50 °C (UL 2367, UL 508, ANSI/ISA 12.12.01))

18 V DC ... 32 V DC

Nominal current IN 1 A

Required backup fuse not required, integrated failsafe element

Dielectric strength max. 32 V DC (Load circuit)

Degree of pollution 2

Overvoltage category_GRP II

Insulating material group I

Switching capacity ICN Active current limitation

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

Dimensions

Height 60 mm

Width 12.5 mm

Depth 70 mm

Height NS 35/7,5 144 mm

Height NS 35/15 151.5 mm

Complete module height...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ECP-E3 1A 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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