INDUSTRIAL COMPONENT DATA

EC-E1 3A 0903025 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: EC-E1 3A



Manufacturer	PHOENIX CONTACT
MPN / Reference	EC-E1 3A
Catalog number	0903025
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-38F025EA00
Generated	2026-11-18

Product Overview

Electronic device circuit breaker
Electronic protection switch, signal contact: 1 open contact, rated current: 3 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 0903025
Packing unit 6 pc
Catalog page Page 326 (C-4-2017)
GTIN 4046356328012
Weight per Piece (excluding packing) 65.800 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 3 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 I0 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 mm²
Conductor cross section solid max. 16 mm²
Conductor cross section flexible min. 0.5 mm²
Co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EC-E1 3A 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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