

## INDUSTRIAL COMPONENT DATA

# EC 1 12DC/2A S-R 3000761 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: EC 1 12DC/2A S-R



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | EC 1 12DC/2A S-R       |
| Catalog number  | 3000761                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-B91CAB88E3          |
| Generated       | 2026-08-03             |

## Product Overview

Electronic device circuit breaker

Electronic protection switch, reset input and status output, rated current: 2 A

Electronic circuit breaker, reset input and status output, nominal current: 2 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

Technical dataProduct propertiesProduct type Device circuit breakers

Product family EC-E

Type DIN rail module, one-piece

Number of positions 1

Electrical propertiesMaximum load current 2 A (100% duty cycle, 40°C)

2 A (100% duty cycle, 50°C)

Service life electrical 10000

General

Fuse electronic

Connection dataMaximum load current 2 A (100% duty cycle, 40°C)

2 A (100% duty cycle, 50°C)

Line+ / LOAD+ /0V

Screw thread M4

Tightening torque 1.5 ... 1.8 Nm  
Stripping length 10 mm  
Conductor cross section rigid 0.5 mm<sup>2</sup> ... 10 mm<sup>2</sup>  
Conductor cross section flexible 0.5 mm<sup>2</sup> ... 10 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Nominal current 2 A  
Nominal voltage 12 V DC  
Signal connections  
Screw thread M3  
Tightening torque 0.5 ... 0.6 Nm  
Conductor cross section flexible 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
DimensionsWidth 12.5 mm  
Height 80 mm  
Material specificationsColor black (RAL 9005)  
Environmental and real-life conditionsAmbient conditions  
Ambient temperature (operation) -20 °C ... 60 °C (ordinary locations)  
Ambient temperature (storage/transport) -20 °C ... 70 °C  
MountingMounting type DIN rail: 35 mm  
ETIM for 3000761 Circuit breakers and fuses (EC003538)  
Feature Name  
Feature Value  
Number of poles (EF001391)  
1  
Width (EF000008)  
12.5 mm  
Height (EF000040)  
80 mm  
Mounting method (EF000003)  
Other  
Active current limitation x I<sub>N</sub> (EF011922)  
0  
Fuse type (EF011923)  
Electronic  
With remote signalling contact (EF000422)  
No  
Ambient t...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EC 1 12DC/2A S-R 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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