

INDUSTRIAL COMPONENT DATA

EC 1 12DC/6A S-R 3000765 PHOENIX CONTACT Electronic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: EC 1 12DC/6A S-R



Manufacturer	PHOENIX CONTACT
MPN / Reference	EC 1 12DC/6A S-R
Catalog number	3000765
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-1736968FC8
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Product Overview

Electronic device circuit breaker

Electronic protection switch, reset input and status output, rated current: 6 A

Electronic circuit breaker, reset input and status output, nominal current: 6 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
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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 6 A (100% duty cycle, 40°C)

5 A (100% duty cycle, 50°C)

Service life electrical 10000

General

Fuse electronic

Connection dataMaximum load current 6 A (100% duty cycle, 40°C)

5 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 mm² ... 10 mm²
Conductor cross section flexible 0.5 mm² ... 10 mm²
2 conductors with same cross section, solid 0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 4 mm²
Nominal current 6 A
Nominal voltage 12 V DC
Conductor cross section flexible 0.25 mm² ... 2.5 mm²
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 3000765 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 IN (EF011922)
0
Fuse type (EF011923)
Electronic
With remote signalling contact (EF000422)
No
Ambient temperature during operating (EF007515)
-20 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EC 1 12DC/6A S-R 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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