EC 1 12DC/2A S-R - Electronic circuit breaker

3000761

https://www.phoenixcontact.com/gb/products/3000761

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	3000761
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	CLA131
Product key	CLA131
GTIN	4046356708555
Weight per piece (including packing)	71.56 g
Weight per piece (excluding packing)	68.1 g
Customs tariff number	85362010
Country of origin	DE

Technical data

Product properties

Product type	Device circuit breakers
Product family	EC-E
Type	DIN rail module, one-piece
Number of positions	1

Electrical properties

Maximum load current	2 A (100 % Duty Cycle, 40 °C)
	2 A (100 % Duty Cycle, 50 °C)
Service life electrical	10000

General

Fuse	electronic

Connection data

Maximum load current	2 A (100 % Duty Cycle, 40 °C)
	2 A (100 % Duty Cycle, 50 °C)

Line+ / LOAD+ /0V

Connection method	Screw connection
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, rigid	0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible	0.5 mm² ... 4 mm²
Nominal current	2 A
Nominal voltage	12 V DC

Signal connections

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Conductor cross-section flexible	0.25 mm² ... 2.5 mm²

Dimensions

Width	12.5 mm
Height	80 mm

Material specifications

Color	black (RAL 9005)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C (ordinary locations)
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Mounting

Mounting type	DIN rail: 35 mm

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/3000761

UL Recognized
Approval ID: FILE E 317172

DNV GL
Approval ID: TAE00002HC

cULus Recognized
Approval ID: E123528

cULus Listed
Approval ID: E123528

UL Recognized
Approval ID: FILE E 324415

Classifications

ECLASS

ECLASS-13.0	27140401
ECLASS-15.0	27140401

ETIM

ETIM 10.0	EC003538

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	7c47888a-d7b8-4786-b5ed-d184abc50e36

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk