

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



3000760

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Electronic circuit breaker, reset input and status output, nominal current: 1 A

Commercial data

Item number	3000760
Packing unit	6 pc
Minimum order quantity	1 pc
Product key	CLA131
GTIN	4046356708548
Weight per piece (including packing)	70.25 g
Weight per piece (excluding packing)	70.25 g
Customs tariff number	85362010
Country of origin	DE

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Technical data

Product properties

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

Electrical properties

Maximum load current	1 A (100% duty cycle, 40°C)
	1 A (100% duty cycle, 50°C)
Service life electrical	10000

General

Fuse	electronic
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Connection data

Maximum load current	1 A (100% duty cycle, 40°C)
	1 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	1 A
Nominal voltage	12 V DC

Signal connections

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)
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Environmental and real-life conditions

Ambient conditions

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

Mounting

Mounting type	DIN rail: 35 mm
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