TMC 7/8 48VDC SHNT - Shunt trip

2908224

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Shunt trip, 1-position, connection method: Screw, mounting type: Snaps on to side of power circuit breaker, rated current: 2 A

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2908224
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CLA125
Product key	CLA125
GTIN	4055626299747
Weight per piece (including packing)	73.437 g
Weight per piece (excluding packing)	75 g
Customs tariff number	85362010
Country of origin	US

Technical data

Product properties

Product type	Circuit breakers
Product family	TMC 8
Type	DIN rail module, one-piece
Number of positions	1
Mechanical service life	20000

Electrical properties

General

Operating voltage	48 V DC
Rated current I_N	2 A
Tripping level	24 V DC
Power dissipation	240 W
Contact switching type	none

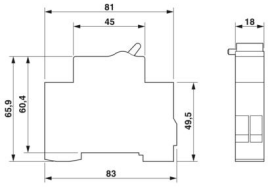
Load circuit

Shutdown time	10 ms

Connection data

Connection method	Screw
Tightening torque	... 1 Nm
Conductor cross-section rigid	1 mm² ... 35 mm²
Cross section AWG	18 ... 2 (converted acc. to IEC)
Conductor cross-section flexible	1 mm² ... 35 mm²
Connection method	Screw connection

Dimensions

Dimensional drawing	
Width	18 mm
Height	83 mm
Depth	65.7 mm

Material specifications

Color	light gray (RAL 7035)
	orange (RAL 2003)
Flammability rating according to UL 94	V-0

Environmental and real-life conditions

Ambient conditions

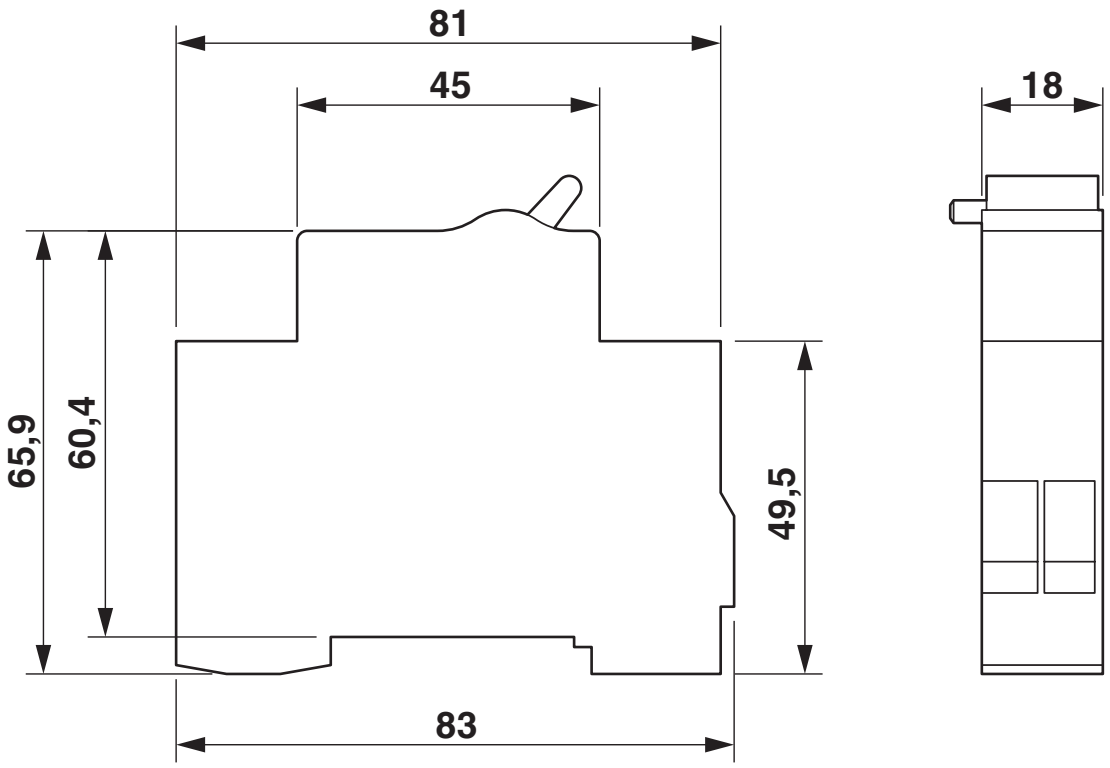
Ambient temperature (operation)	-35 °C ... 70 °C
Permissible humidity (operation)	95 %
Humidity test	48 h, 95% RH, 40°C (IEC 60068-2-78)
Shock (operation)	30g (11 ms) (IEC 60068-2-11)
Vibration (operation)	±0,38 mm (10 Hz ... 57 Hz), 5g (57 Hz ... 500 Hz) (IEC 60068-2-6, Fc, sine)

Mounting

Mounting type	Snaps on to side of power circuit breaker

Drawings

Dimensional drawing



Approvals

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UL Listed
Approval ID: FILE E 478429

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Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

ETIM 10.0	EC000899

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	3.406 kg CO2e

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