

TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

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.



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, mounting type: Snaps on to side of circuit breaker

Commercial data

Item number	2908224
Packing unit	8 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)	73.437 g
Country of origin	US

TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

Technical data

Product properties

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

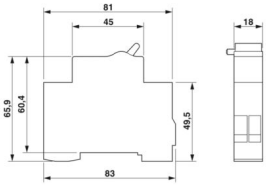
Load circuit

Shutdown time	10 ms
---------------	-------

Connection data

Tightening torque	... 1 Nm
Conductor cross section rigid	1 mm ² ... 35 mm ²
Cross section AWG	18 ... 2 (converted acc. to IEC)
Conductor cross section flexible	1 mm ² ... 35 mm ²

Dimensions

Dimensional drawing	
Width	18 mm
Height	83 mm
Depth	65.7 mm

Material specifications

Color	light grey (RAL 7035)
-------	-----------------------

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)

TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

Shock (operation)	30g (11 ms) (IEC 60068-2-11)
Vibration (operation)	±0.38 mm (10-57 Hz), 5g (57...500 Hz) (IEC 60068-2-6, Fc, sine)

Mounting

Mounting type	Snaps on to side of circuit breaker
---------------	-------------------------------------

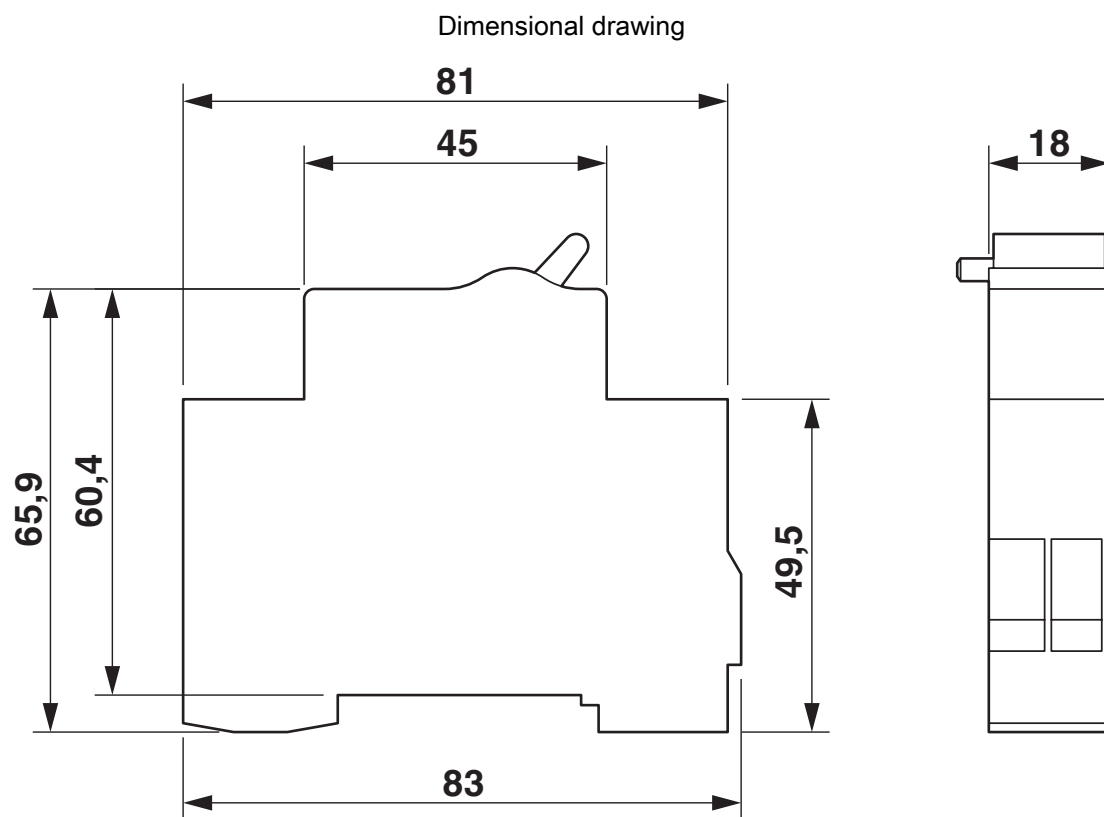
TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

Drawings



TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/nz/products/2908224>



UL Listed

Approval ID: FILE E 478429



cUL Listed

Approval ID: FILE E 478429

cULus Listed

TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

ETIM

ETIM 8.0	EC000899
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

TMC 7/8 48VDC SHNT - Thermomagnetic device circuit breaker



2908224

<https://www.phoenixcontact.com/nz/products/2908224>

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd
Unit 15C, 906-930 Great South Road, Penrose
Auckland 1061
0508 474 636
sales@phoenixcontact.co.nz