

# TMC 7/8 125VDC SHNT - Thermomagnetic device circuit breaker



2908225

<https://www.phoenixcontact.com/nz/products/2908225>

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

## Commercial data

Item number	2908225
Packing unit	8 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CLA125
Product key	CLA125
GTIN	4055626299754
Weight per piece (including packing)	222.222 g
Weight per piece (excluding packing)	222.222 g
Country of origin	US

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## Technical data

### Product properties

Type	DIN rail module, one-piece
Number of positions	1
Mechanical service life	20000

### Electrical properties

#### General

Operating voltage	125 V DC
Rated current $I_N$	1.5 A
Tripping level	80 V DC
Power dissipation	240 W

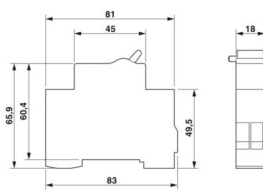
#### Load circuit

Shutdown time	10 ms
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### Connection data

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

### Dimensions

Dimensional drawing	
Width	18 mm
Height	83 mm
Depth	65.7 mm

### Material specifications

Color	light grey (RAL 7035)
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### 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)

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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
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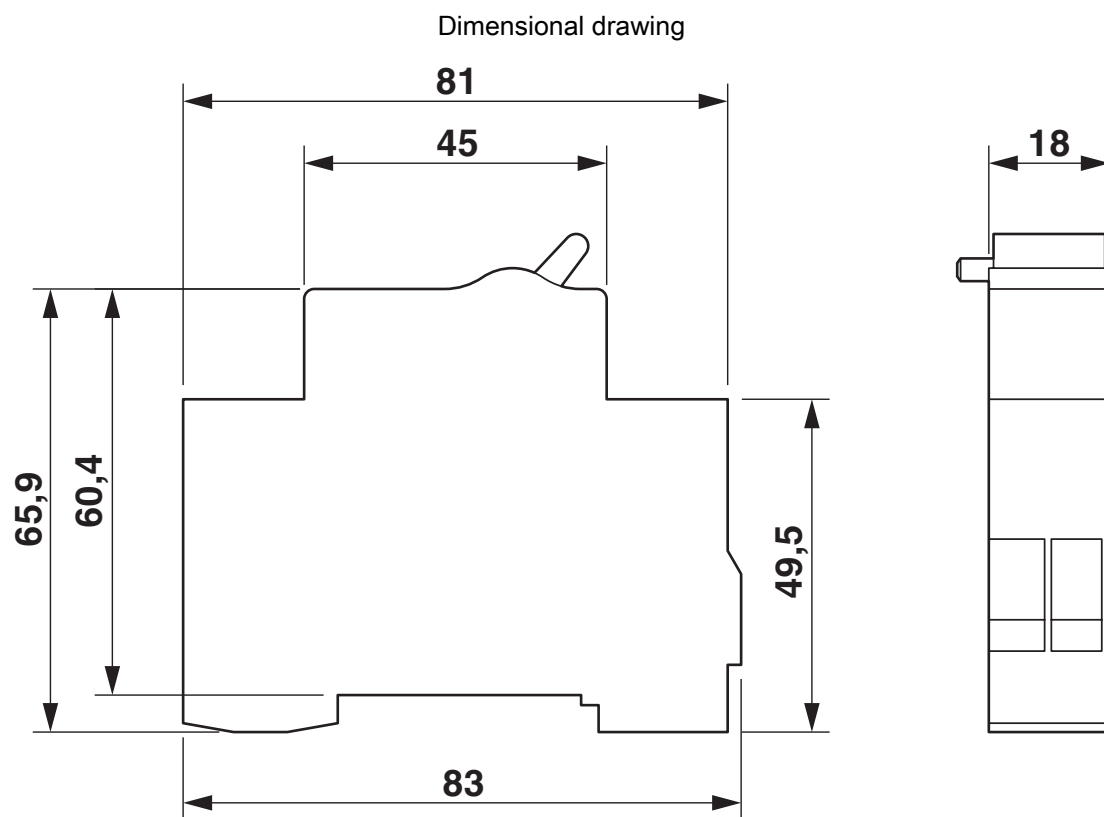
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## Drawings



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## Approvals

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**UL Listed**

Approval ID: FILE E 478429



**cUL Listed**

Approval ID: FILE E 478429

**cULus Listed**

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## Classifications

### ECLASS

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

### UNSPSC

UNSPSC 21.0	39121410
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## Environmental product compliance

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

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