

TMC 7/8 12VDC SHNT - Shunt trip



2908221

<https://www.phoenixcontact.com/us/products/2908221>

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Shunt trip, 1-position, connection method: Screw, mounting type: Snaps on to side of circuit breaker, rated current: 6 A

Commercial data

Item number	2908221
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL08
Product key	CLA125
GTIN	4055626299723
Weight per piece (including packing)	222.222 g
Weight per piece (excluding packing)	222.222 g
Customs tariff number	85362010
Country of origin	CN

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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	12 V DC
Rated current I_N	6 A
Tripping level	8 V DC
Power dissipation	240 W
Contact switching type	none

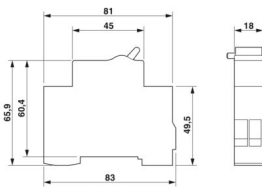
Load circuit

Shutdown time	10 ms
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Connection data

Connection method	Screw
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
Connection method	Screw connection

Dimensions

Dimensional drawing	
Width	18 mm
Height	83 mm
Depth	65.7 mm

Material specifications

Color	light gray (RAL 7035)
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Environmental and real-life conditions

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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 circuit breaker
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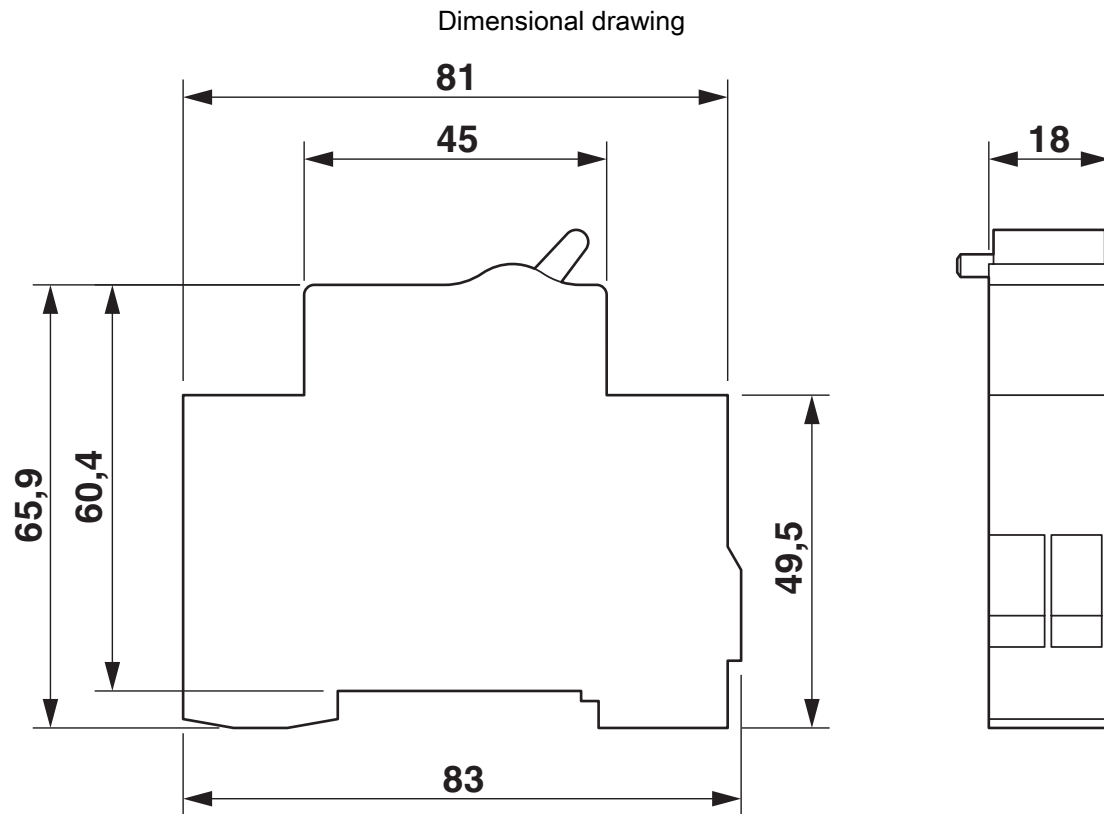
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Drawings



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Approvals

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UL Listed

Approval ID: FILE E 478429



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Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

ETIM 9.0	EC000899
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UNSPSC

UNSPSC 21.0	39121410
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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