

TMC 73D 13A - Thermomagnetic device circuit breaker



1020094

<https://www.phoenixcontact.com/us/products/1020094>

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Thermomagnetic device circuit breaker, number of positions: 3, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, mounting type: DIN rail: 35 mm

Commercial Data

Item number	1020094
Packing unit	1 pc
Note	Made to Order (non-returnable)
Sales Key	CL09
Product Key	CLA126
GTIN	4055626509747
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

Type	DIN rail module, one-piece
Product type	Thermomagnetic device circuit breakers
Product family	TMC 7
Number of positions	3
Mechanical service life	20000

Electrical properties

Service life electrical	6000
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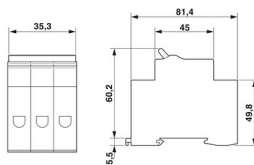
General

Operating voltage	277 V AC (277/480Y, 240D)
Rated current I_N	13 A
Tripping method	TM (thermomagnetic)
Rated short-circuit switching capacity I_{cn}	7.5 kA (277/480Y, 240D)
Fuse	D (curve)

Connection data

Tightening torque	... 2 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	52.9 mm

Material specifications

Color	Silver
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-35 °C ... 70 °C
Humidity test	48 h, 95% RH, 40°C (IEC 60068-2-78)
Shock (operation)	30g (11 ms) (IEC 60068-2-11, test Ea)
Vibration (operation)	±0.38 mm (10-57 Hz), 5g (57...500 Hz) (Sinusoidal test to IEC)

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	60068-2-6, Test Fc. 10 frequency cycles per axis)
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Standards and regulations

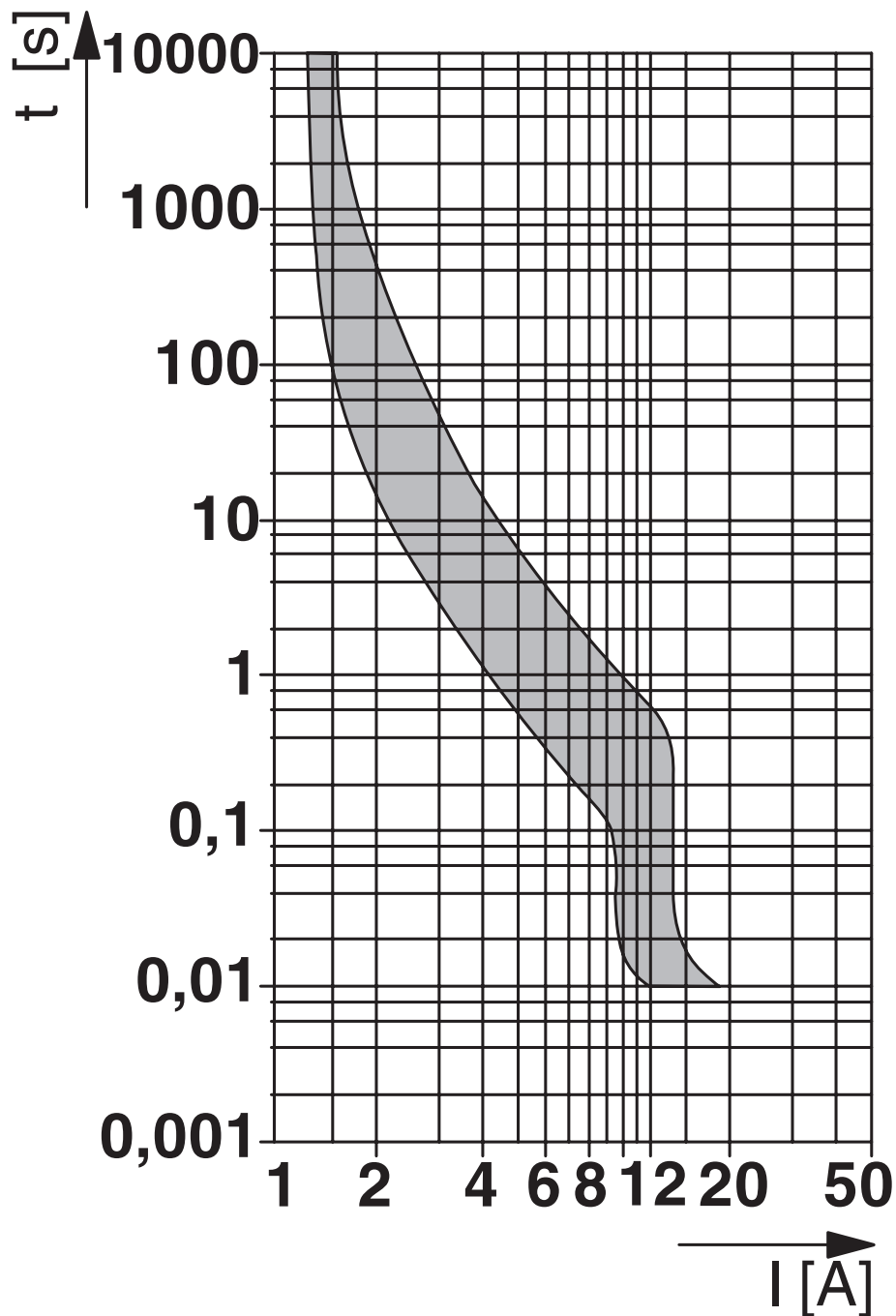
Standards/specifications	UL 1077
Standards/specifications	IEC 60947-2

Mounting

Mounting type	DIN rail: 35 mm
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Drawings

Diagram



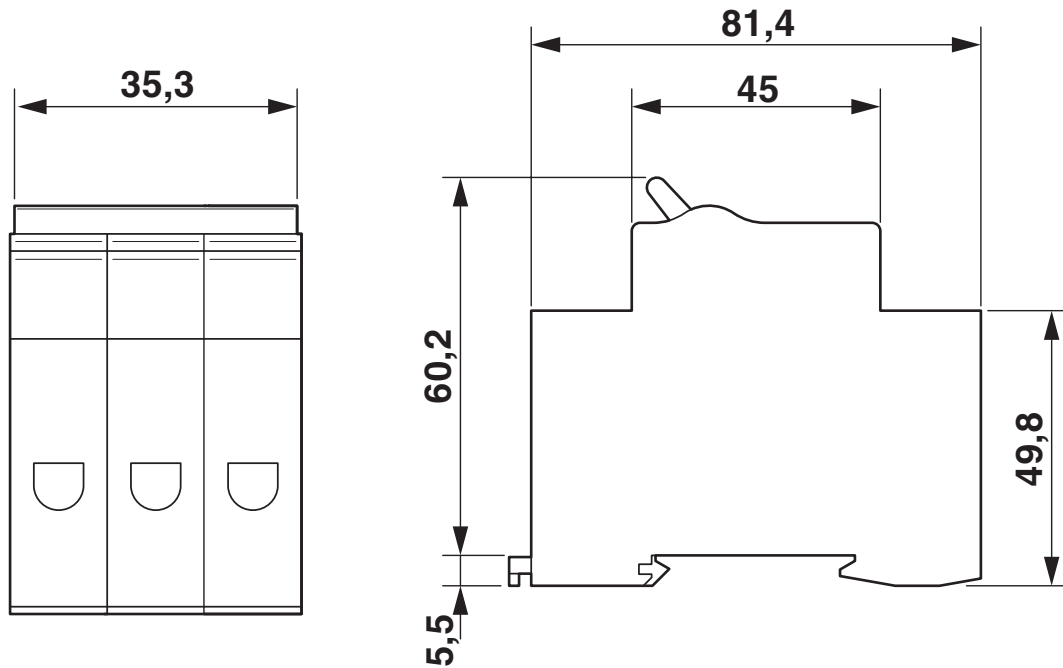
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Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1020094>



cUL Recognized
Approval ID: FILE E 140459



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Classifications

ECLASS

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

ETIM

ETIM 7.0	EC000899
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UNSPSC

UNSPSC 21.0	39121410
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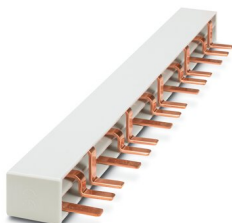
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Accessories

TMC 7 B3 80 57 C - Wiring bridge

1022234

<https://www.phoenixcontact.com/us/products/1022234>

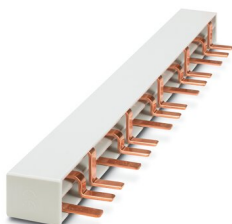


Bus bar for TMC 73... circuit breakers (three phase) 17.8 mm pitch, up to 57 positions. Rated for 80 A (end feed) 600 V AC/DC. UL 508 Listed for connection of UL 1077 rated circuit breakers.

TMC 7 B3 80 48 CA - Wiring bridge

1025400

<https://www.phoenixcontact.com/us/products/1025400>



Bus bar for TMC 73... circuit breakers (two phase) with auxilliary switch. 17.8 mm pitch, up to 48 positions. Rated for 80 A (end feed) 600 V AC/DC. UL 508 Listed for connection of UL 1077 rated circuit breakers.

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TMC 7 B2/3 TERM - Terminal adapter

1022232

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Feeder terminal adapter for TMC 72 or TMC 73 circuit breakers, two- or three-phase bus bars. Rated for 600 V AC/DC 115 A. Wire range 10...1/0 AWG. UL 508 Listed for connection to UL 1077 rated circuit breakers.

TMC 7 B2/3 END CAP - Wiring bridge end cover

1022229

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Protective end covers for TMC 7 multi-pole bus bars

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TMC 7 B BUS CAP - Protective cover

1022224

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Protective covers for TMC 7 single-pole bus bars. Cuttable, five positions, yellow.



TMC 7/8 AUX - Thermomagnetic device circuit breaker

2908219

<https://www.phoenixcontact.com/us/products/2908219>



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

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TMC 7/8 ALARM - Thermomagnetic device circuit breaker

2908220

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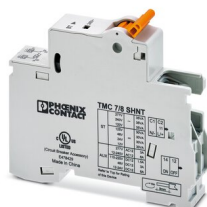


Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm² - 35 mm², AWG: 18 - 2, mounting type: Snaps on to side of circuit breaker

TMC 7/8 12VDC SHNT - Thermomagnetic device circuit breaker

2908221

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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

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TMC 7/8 24VDC SHNT - Thermomagnetic device circuit breaker

2908222

<https://www.phoenixcontact.com/us/products/2908222>

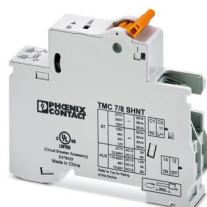


Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm² - 35 mm², AWG: 18 - 2, mounting type: Snaps on to side of circuit breaker

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

2908224

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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

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

2908225

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



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

TMC 7/8 120VAC SHNT - Thermomagnetic device circuit breaker

2908226

<https://www.phoenixcontact.com/us/products/2908226>



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

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TMC 7/8 240VAC SHNT - Thermomagnetic device circuit breaker

2908227

<https://www.phoenixcontact.com/us/products/2908227>

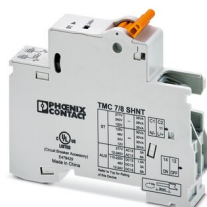


Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm² - 35 mm², AWG: 18 - 2, mounting type: Snaps on to side of circuit breaker

TMC 7/8 277VAC SHNT - Thermomagnetic device circuit breaker

2908228

<https://www.phoenixcontact.com/us/products/2908228>



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

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EML (10X4)R - Label

0815583

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Label, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, lettering field size: 10 x 4 mm, Number of individual labels: 10000

TML (104X3,8)R - Marker strip

0801833

<https://www.phoenixcontact.com/us/products/0801833>



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 3.8 mm, Number of individual labels: 2500

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