

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

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: DIN rail: 35 mm, Color: gray

Commercial Data

Item number	1019911
Packing unit	1 pc
Note	Made to Order (non-returnable)
Sales Key	CL09
Product Key	CLA126
GTIN	4055626508023
Weight per Piece (including packing)	222.222 g
Weight per Piece (excluding packing)	222.222 g
Customs tariff number	85362010
Country of origin	CN

1019911

<https://www.phoenixcontact.com/us/products/1019911>

Technical Data

Product properties

Type	DIN rail module, one-piece
Product type	Thermomagnetic device circuit breakers
Product family	TMC 7
Number of positions	1
Mechanical service life	20000

Electrical properties

Service life electrical	6000
-------------------------	------

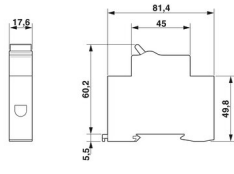
General

Operating voltage	277 V AC
	60 V DC
Rated current I_N	4 A
Tripping method	TM (thermomagnetic)
Rated short-circuit switching capacity I_{cn}	7.5 kA (240 V AC/ 60 V DC)
	5 kA (277 V AC)
Fuse	B (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
Connection method	Screw
Tightening torque, min	2 Nm
Conductor cross section flexible max.	35 mm ²
Conductor cross section, rigid max.	35 mm ²

Dimensions

Dimensional drawing	
Width	17.6 mm

Material specifications

Color	gray
-------	------

Environmental and real-life conditions

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

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

Approval data

UL approval

Identification	UL Recognized UL 1077
----------------	-----------------------

Standards and regulations

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

Mounting

Mounting type	DIN rail: 35 mm
---------------	-----------------

TMC 71B 04A - Thermomagnetic device circuit breaker

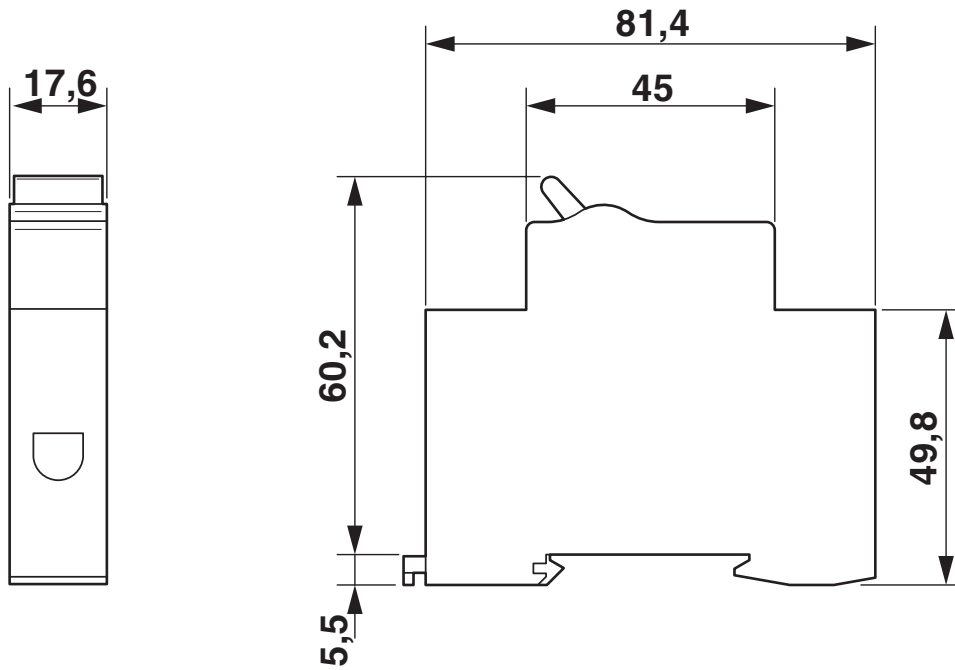


1019911

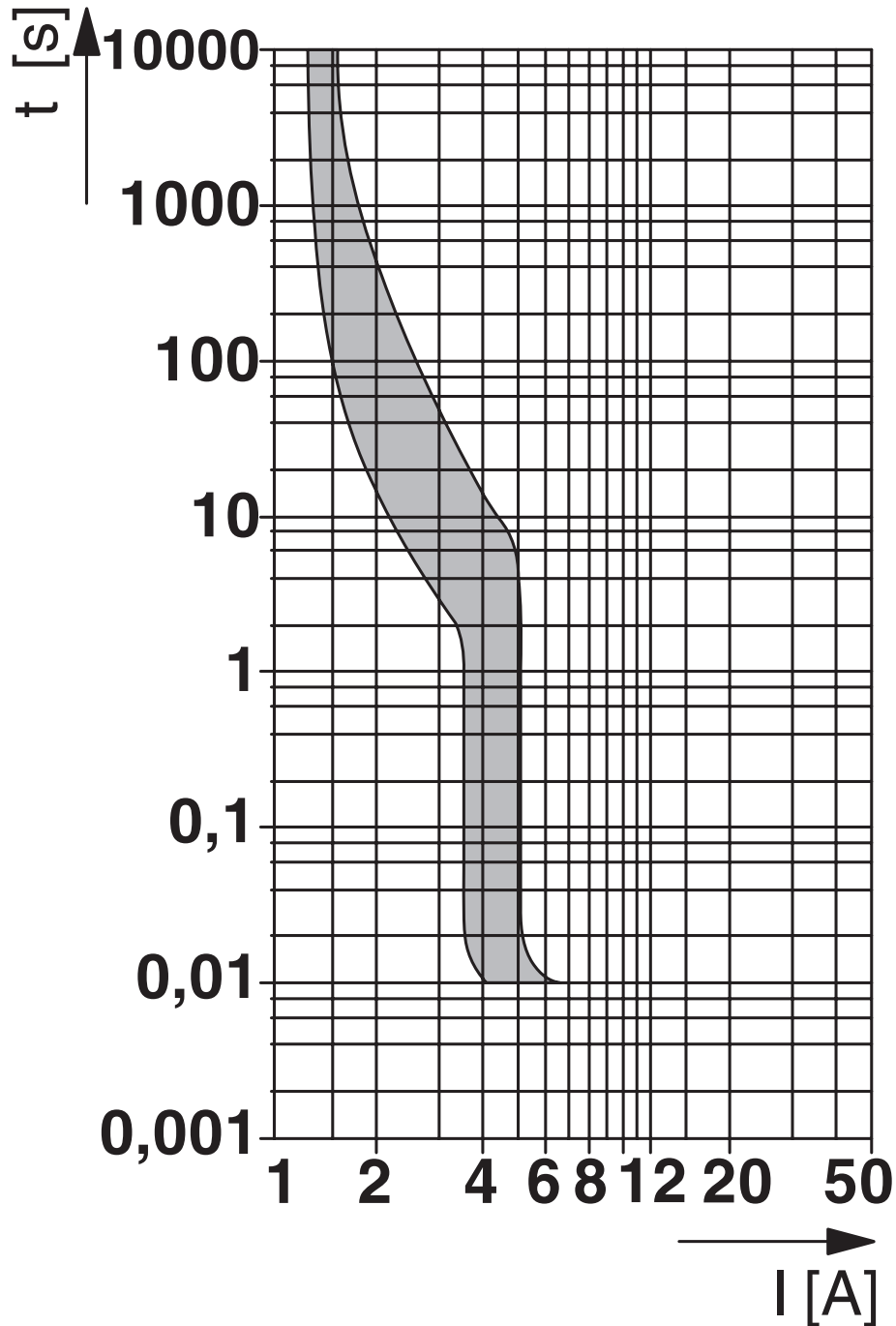
<https://www.phoenixcontact.com/us/products/1019911>

Drawings

Dimensional drawing



Diagram



TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

Approvals



cUL Recognized
Approval ID: FILE E 140459



UL Recognized
Approval ID: FILE E 140459



TÜV Rheinland
Approval ID: R 50531587

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

Classifications

ECLASS

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

ETIM

ETIM 7.0	EC000899
----------	----------

UNSPSC

UNSPSC 21.0	39121410
-------------	----------

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
	Cadmium oxide 1306-19-0

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

Accessories

TMC 7 B1 80 57 C - Wiring bridge

1022238

<https://www.phoenixcontact.com/us/products/1022238>

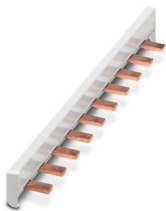


Bus bar for TMC 71... circuit breakers (single phase) 17.8 mm pitch, up to 57 positions. Rated for 80 A (end feed) 600 V AC/1000 V DC. UL508 Listed for connection of UL1077 rated circuit breakers.

TMC 7 B1 80 37 CA - Wiring bridge

1022237

<https://www.phoenixcontact.com/us/products/1022237>



Bus bar for TMC 71... circuit breakers (single phase) with auxilliary switch module. 27.0 mm pitch, up to 37 positions. Rated for 80 A (end feed) 600 V AC/1000 V DC. UL508 Listed for connection of UL1077 rated circuit breakers.

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

TMC 7 B1 TERM - Terminal adapter

1022233

<https://www.phoenixcontact.com/us/products/1022233>



Feeder terminal adapter for TMC 71 circuit breakers, single-phase bus bars. Rated for 1000 V AC/DC, 115 A. Wire range 10...1/0 AWG. UL 508 Listed for connection to UL 1077 rated circuit breakers.

TMC 7 B1 END CAP - Wiring bridge end cover

1022231

<https://www.phoenixcontact.com/us/products/1022231>



Protective end covers for TMC 7 single-pole bus bars

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

TMC 7 B BUS CAP - Protective cover

1022224

<https://www.phoenixcontact.com/us/products/1022224>



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, Color: gray

TMC 71B 04A - Thermomagnetic device circuit breaker



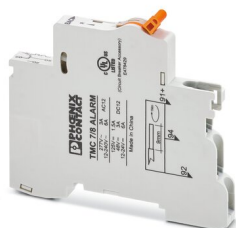
1019911

<https://www.phoenixcontact.com/us/products/1019911>

TMC 7/8 ALARM - Thermomagnetic device circuit breaker

2908220

<https://www.phoenixcontact.com/us/products/2908220>

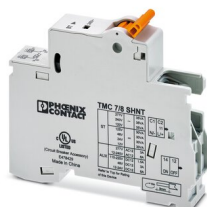


Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, mounting type: Snaps on to side of circuit breaker, Color: gray

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

2908221

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



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, Color: gray

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

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, Color: gray

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

2908224

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



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, Color: gray

TMC 71B 04A - Thermomagnetic device circuit breaker



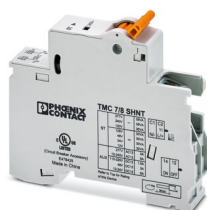
1019911

<https://www.phoenixcontact.com/us/products/1019911>

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, Color: gray

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, Color: gray

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

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, Color: gray

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, Color: gray

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

<https://www.phoenixcontact.com/us/products/1019911>

EML (10X4)R - Label

0815583

<https://www.phoenixcontact.com/us/products/0815583>



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

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com