

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, cross section: 1 mm²- 35 mm², AWG: 18 - 2, mounting type: DIN rail: 35 mm

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)	115.466 g
Weight per piece (excluding packing)	115.466 g
Customs tariff number	85362010
Country of origin	CN

TMC 71B 04A - Thermomagnetic device circuit breaker



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
-------------------------	------

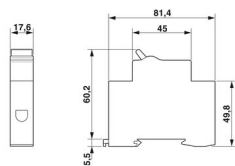
General

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

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
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

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)

TMC 71B 04A - Thermomagnetic device circuit breaker



1019911

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

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)

Approvals

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>

Approvals

📄 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1019911>



cUL Recognized

Approval ID: FILE E 140459



UL Recognized

Approval ID: FILE E 140459



TÜV Rheinland

Approval ID: R 50531587

cULus Recognized

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

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

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