

# TMCP 1 M1 300 16,0A - Thermomagnetic device circuit breaker



0915852

<https://www.phoenixcontact.com/us/products/0915852>

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.

Thermal-magnetic circuit breaker, 1-pos., normal blow, 1 N/O contact and 1 N/C contact



## Your advantages

- Individually adjustable with protective plugs
- Switch higher starting currents with the aid of the M1 characteristic curve
- High-level system transparency with integrated remote indication contact
- Fast, replacement part-free recommissioning after an event with the reconnection options

## Commercial data

Item number	0915852
Packing unit	1 pc
Sales key	CL04
Product key	CLA123
Catalog page	Page 281 (CL-2002)
GTIN	4017918600693
Weight per piece (including packing)	45.4 g
Weight per piece (excluding packing)	43.25 g
Customs tariff number	85362010
Country of origin	DE

# TMCP 1 M1 300 16,0A - Thermomagnetic device circuit breaker



0915852

<https://www.phoenixcontact.com/us/products/0915852>

## Technical data

### Product properties

Type	Male
Product type	Thermomagnetic device circuit breakers
Product family	TMCP
Number of positions	1
No. of channels	1

### Insulation characteristics

Overvoltage category	II
Degree of pollution	2

### Electrical properties

Fuse type	Automatic device
-----------	------------------

### General

Rated voltage	250 V AC
	65 V DC
Rated current $I_N$	16 A
Rated surge voltage	2.5 kV
Insulation resistance $R_{iso}$	> 100 M $\Omega$ (500 V DC)
Auxiliary circuit	240 V AC / 1 A (Low-induction)
	65 V AC / 1 A (Low-induction)
Tripping method	TM (thermomagnetic)
Device resistance	0.02 $\Omega$
Rated short-circuit switching capacity $I_{cn}$	800 A
	2500 A (32 V DC)
Short-circuit switching capacity	5000 A (UL 1077: 277 V AC)
	2000 A (UL 1077: 65 V DC)
Dielectric strength	3000 V AC (Actuation area)
	1500 V AC (Main to auxiliary circuit)
	1000 V AC (Auxiliary circuit 11 - 12 to 23 - 24)
Switching cycles, max.	10000 (At $1 \times I_n$ , inductive)
Fuse	M1 (normal blow)

### Connection data

Connection method	pluggable
Connection method	pluggable

### Dimensions

Width	12.5 mm
Height	50 mm

# TMCP 1 M1 300 16,0A - Thermomagnetic device circuit breaker



0915852

<https://www.phoenixcontact.com/us/products/0915852>

Depth	78.5 mm
Complete module width	38 mm
Complete module height	115 mm
Complete module depth	121 mm

## Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V-2
Insulating material group	II
Insulating material	PA66

## Mechanical properties

### Mechanical data

Open side panel	No
-----------------	----

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP30 (Actuation area)
	IP00 (Connection area)
Ambient temperature (operation)	-30 °C ... 60 °C
Humidity test	240 h, 95 % RH, 40 °C

## Standards and regulations

Standards/specifications	EN 60934
Standards/specifications	UL 1077

## Mounting

Mounting type	on base element
---------------	-----------------

# TMCP 1 M1 300 16,0A - Thermomagnetic device circuit breaker



0915852

<https://www.phoenixcontact.com/us/products/0915852>

## Classifications

### ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27140401

### ETIM

ETIM 9.0	EC000899
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# TMCP 1 M1 300 16,0A - Thermomagnetic device circuit breaker



0915852

<https://www.phoenixcontact.com/us/products/0915852>

## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25; For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)