

# TMCP 2 M1 300 2,0A - Thermal-magnetic device circuit breaker



0916123

<https://www.phoenixcontact.com/us/products/0916123>

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, 2-pos., normal blow, 1 N/O contact and 1 N/C contact

The figure shows version TMCP 1 F1 300  
2,0A

## Commercial data

Item number	0916123
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CL04
Product key	CLA123
GTIN	4017918601195
Weight per piece (including packing)	94.94 g
Weight per piece (excluding packing)	94.94 g
Customs tariff number	85362010
Country of origin	DE

# TMCP 2 M1 300 2,0A - Thermal-magnetic device circuit breaker



0916123

<https://www.phoenixcontact.com/us/products/0916123>

## Technical data

### Product properties

Product type	Thermomagnetic device circuit breakers
Product family	TMCP
Type	Male
Number of positions	2

### 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 $I_N$	2 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 (thermal-magnetic)
Device resistance	0.28 $\Omega$
Rated short-circuit switching capacity $I_{cn}$	400 A
	2500 A (32 V DC)
Short-circuit switching capacity	5000 A (UL 1077: 277 V AC/480 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)
	1500 V (Position to position)
Switching cycles, max.	10000 (At 1 x $I_n$ , inductive)
Fuse	M1 (normal blow)
Contact switching type	2 N/O contacts
	2 N/C contacts

### Connection data

Connection method	pluggable
Connection method	pluggable

### Dimensions

# TMCP 2 M1 300 2,0A - Thermal-magnetic device circuit breaker



0916123

<https://www.phoenixcontact.com/us/products/0916123>

Width	25 mm
Height	50 mm
Depth	78.5 mm
Complete module width	38 mm
Complete module height	115 mm
Complete module depth	121 mm

## Material specifications

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

Phoenix Contact 2026 © - 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)