

# Thermomagnetic device circuit breaker - TMCP 1 F1 300 10,0A - 0915658

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Thermomagnetic circuit breaker, 1-pos., fast blow, 1 N/O contact and 1 N/C contact

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



## Key Commercial Data

Packing unit	6 STK
GTIN	 4 017918 600860
GTIN	4017918600860
Sales Key	04

## Technical data

### General

Mounting type	on base element
Color	black
Number of positions	1
Overvoltage category_GRP	II
Insulating material	PA66
Flammability rating according to UL 94	V-2

### Electrical data

Fuse type	Automatic device
Rated surge voltage	2.5 kV
Rated voltage	65 V DC
Rated current I <sub>N</sub>	10 A
Insulation resistance R <sub>iso</sub>	> 100 MΩ (500 V DC)
Rated short-circuit switching capacity I <sub>cn</sub>	2500 A (32 V DC)

# Thermomagnetic device circuit breaker - TMCP 1 F1 300 10,0A - 0915658

## Technical data

### Electrical data

Short-circuit switching capacity $I_k$	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)
Degree of pollution	2
Overvoltage category_GRP	II
Insulating material group	II

### Dimensions

Height	50 mm
Width	12.5 mm
Depth	78.5 mm
Complete module height	115 mm
Complete module width	38 mm
Complete module depth	121 mm

### Ambient conditions

Degree of protection	IP30 (Actuation area)
	IP00 (Connection area)
Ambient temperature (operation)	-30 °C ... 60 °C

### Connection data

Connection method	pluggable
-------------------	-----------

### Standards and Regulations

Standards/specifications	EN 60934
	UL 1077