

# Thermomagnetic device circuit breaker - TMCP 1 M1 300 1,0A - 0915742

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Thermomagnetic circuit breaker, 1-pos., normal 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 pc
GTIN	 4 017918 600587
GTIN	4017918600587
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	250 V AC 65 V DC
Rated current I <sub>N</sub>	1 A
Insulation resistance R <sub>iso</sub>	> 100 MΩ (500 V DC)
Rated short-circuit switching capacity I <sub>cn</sub>	400 A 2500 A (32 V DC)

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## 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 x $I_n$ , 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
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### Standards and Regulations

Standards/specifications	EN 60934
	UL 1077

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