

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

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

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

## Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	45.0 GRM
Custom tariff number	85362010
Country of origin	Germany

## Technical data

### General

Mounting type	On base element
Color	black
Number of positions	1
Surge voltage category	II
Insulating material	PA66
Inflammability class 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 $I_n$	10 A
Insulation resistance $R_{iso}$	> 100 M $\Omega$ (500 V DC)
Rated short-circuit switching capacity $I_{cn}$	800 A
	2500 A (32 V DC)
Short-circuit switching capacity $I_k$	5000 A UL 1077: 277 V AC

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## Technical data

### Electrical data

	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)
Cycles, max.	10000 (At 1 x I <sub>n</sub> , inductive)
Pollution degree	2
Surge voltage category	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

## Classifications

### eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

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## Classifications

### ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / GOST

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#### Ex Approvals

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Approvals submitted

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### Approval details



