

Thermomagnetic device circuit breaker - TMCP 2 M1 300 6,0A - 0916178

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, 2-pos., normal 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 STK
Weight per Piece (excluding packing)	90.0 g
Custom tariff number	85362010
Country of origin	Germany

Technical data

General

Mounting type	On base element
Color	black
Number of positions	2
Overvoltage category	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_N	6 A
Insulation resistance R_{iso}	> 100 MΩ (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/480 V AC

Thermomagnetic device circuit breaker - TMCP 2 M1 300 6,0A - 0916178

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)
	1500 V (Position to position)
Switching cycles, max.	10000 (At 1 x I _n , inductive)
Degree of pollution	2
Overvoltage category	II
Insulating material group	II

Dimensions

Height	50 mm
Width	25 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

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

Thermomagnetic device circuit breaker - TMCP 2 M1 300 6,0A - 0916178

Classifications

eCl@ss

eCl@ss 8.0	27141116
eCl@ss 9.0	27141116

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

Approvals

CSA / UL Recognized / EAC / VDE Zeichengenehmigung

Ex Approvals

Approvals submitted

Approval details

CSA 

UL Recognized 

Thermomagnetic device circuit breaker - TMCP 2 M1 300 6,0A - 0916178

Approvals

EAC

VDE Zeichengenehmigung 

Accessories

Additional products

Box mounting base - TMCP SOCKET M - 0916589



Modular socket element, 2-position, for holding two circuit breakers, each with a single position

End cover - TMCP CONNECT LR - 0916592



End cover, Length: 115 mm, Width: 6 mm, Color: black