

Thermomagnetic device circuit breaker - TMCP 1 M1 300 8,0A - 0915823

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Thermomagnetic circuit breaker, 1-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 PCE
GTIN	 4 017918 600662
Custom tariff number	85362010
Country of origin	GERMANY

Technical data

General

Degree of protection	IP30 (Actuation area)
Degree of protection	IP00 (Connection area)
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

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

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Technical data

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Fuse type	Automatic device
Rated surge voltage	2.5 kV
Rated voltage	250 V AC
Rated voltage	65 V DC
Rated current I_n	8 A
Insulation resistance R_{iso} :	> 100 M Ω (500 V DC)
Rated short-circuit switching capacity I_{cn}	800 A
Rated short-circuit switching capacity I_{cn}	2500 A (32 V DC)
Short-circuit switching capacity I_k	5000 A UL 1077: 277 V AC
Short-circuit switching capacity I_k	2000 A UL 1077: 65 V DC
Dielectric strength	3000 V AC (Actuation area)
Dielectric strength	1500 V AC (Main to auxiliary circuit)
Dielectric strength	1000 V AC (Auxiliary circuit 11 - 12 to 23 - 24)
Cycles, max.	10000 (At 1 x I_n , inductive)
Pollution degree	2
Surge voltage category	II
Insulating material group	II
Ambient temperature (operation)	-30 °C ... 60 °C

Connection data

Connection method	Pluggable
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Standards

Standards/specifications	EN 60934
Standards/specifications	UL 1077

Classifications

ETIM

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

UNSPSC

UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

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Classifications

UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411

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

Approvals

Approvals

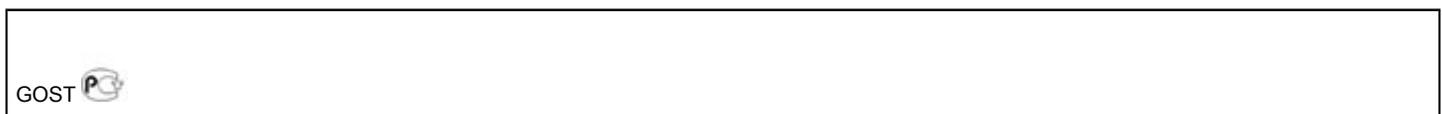
Approvals

CSA / UL Recognized / GOST

Ex Approvals

Approvals submitted

Approval details



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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
