

Thermomagnetic device circuit breaker - TMCP 1 M1 300 6,0A - 0915810

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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

package_quantity	6
GTIN	4017918600655

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
Rated voltage	65 V DC
Rated current I_n	6 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)

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Electrical data

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)
Degree of protection	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
Standards/specifications	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

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

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classifications

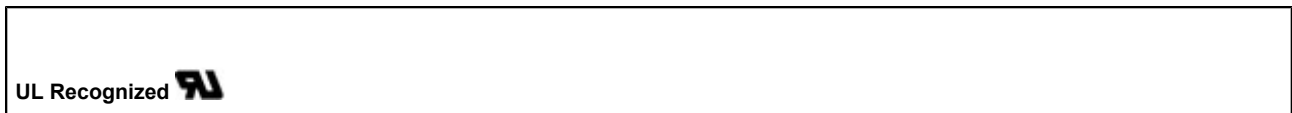
UNSPSC

UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

approvals

CSA / UL Recognized / GOST /

Approval details



Drawings

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