

Thermomagnetic device circuit breaker - TMCP 1 F1 300 6,0A - 0915632

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Thermomagnetic circuit breaker, 1-pos., fast 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 STK
GTIN	 4 017918 600846
GTIN	4017918600846
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	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}	2500 A (32 V DC)
Short-circuit switching capacity I _k	5000 A (UL 1077: 277 V AC)
	2000 A (UL 1077: 65 V DC)

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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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