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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

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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 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/480 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)
	1500 V (Position to position)
Switching cycles, max.	10000 (At 1 x I <sub>n</sub> , 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
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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

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## 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

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#### Approvals

CSA / UL Recognized / EAC / VDE Zeichengenehmigung

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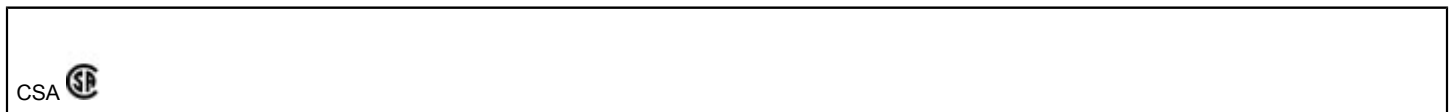
#### Ex Approvals

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#### Approvals submitted

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### Approval details



## 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