

# Thermomagnetic device circuit breaker - TMCP 2 M1 300 3,0A - 0916149

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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

|                  |               |
|------------------|---------------|
| package_quantity | 3             |
| GTIN             | 4017918601218 |

## Technical data

### General

|   |                 |
|---|-----------------|
| Mounting type                           | On base element |
| Color                                   | black           |
| Number of positions                     | 2               |
| 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 $I_n$                             | 3 A  |
| Insulation resistance $R_{iso}$                 | > 100 MΩ (500 V DC)                              |
| Rated short-circuit switching capacity $I_{cn}$ | 400 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/480 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) |
| Dielectric strength                             | 1500 V (Position to position)                    |

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## Technical data

### Electrical data

|                                  |   |
|----------------------------------|---|
| <b>Cycles, max.</b>              | 10000 (At 1 x I <sub>n</sub> , inductive) |
| <b>Pollution degree</b>          | 2   |
| <b>Surge voltage category</b>    | II  |
| <b>Insulating material group</b> | II  |

### Dimensions

|                               |         |
|-------------------------------|---------|
| <b>Height</b>                 | 50 mm   |
| <b>Width</b>                  | 12.5 mm |
| <b>Depth</b>                  | 78.5 mm |
| <b>Complete module height</b> | 115 mm  |
| <b>Complete module width</b>  | 38 mm   |
| <b>Complete module depth</b>  | 121 mm  |

### Ambient conditions

|  |                        |
|--|------------------------|
| <b>Degree of protection</b>            | IP30 (Actuation area)  |
| <b>Degree of protection</b>            | IP00 (Connection area) |
| <b>Ambient temperature (operation)</b> | -30 °C ... 60 °C       |

### Connection data

|                          |           |
|--------------------------|-----------|
| <b>Connection method</b> | pluggable |
|--------------------------|-----------|

### Standards and Regulations

|                                 |          |
|---------------------------------|----------|
| <b>Standards/specifications</b> | EN 60934 |
| <b>Standards/specifications</b> | UL 1077  |

## classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 27141116 |
| <b>eCl@ss 4.1</b> | 27141116 |
| <b>eCl@ss 5.0</b> | 27141116 |
| <b>eCl@ss 5.1</b> | 27141116 |
| <b>eCl@ss 6.0</b> | 27141116 |
| <b>eCl@ss 7.0</b> | 27141116 |
| <b>eCl@ss 8.0</b> | 27141116 |

### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 2.0</b> | EC000899 |
| <b>ETIM 3.0</b> | EC000899 |
| <b>ETIM 4.0</b> | EC000899 |
| <b>ETIM 5.0</b> | EC000899 |

### UNSPSC

|                    |          |
|--------------------|----------|
| <b>UNSPSC 6.01</b> | 30211812 |
|--------------------|----------|

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## classifications

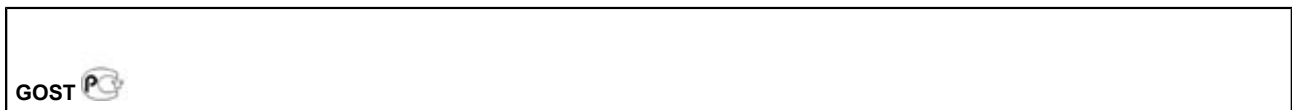
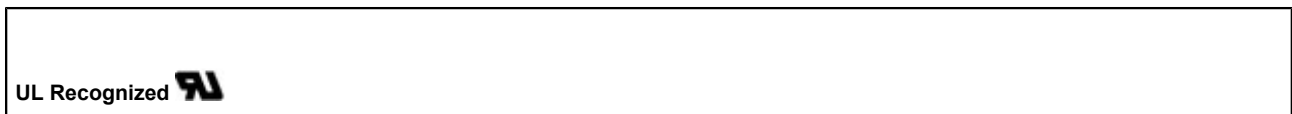
### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11     | 39121411 |
| UNSPSC 12.01  | 39121411 |
| UNSPSC 13.2   | 39121411 |

## approvals

CSA / UL Recognized / GOST /

### Approval details



## Drawings

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