# Thermomagnetic device circuit breaker - TMCP 1 M1 300 0,8A - 0915739

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The figure shows version TMCP 1 F1 300 2,0A

Thermomagnetic circuit breaker, 1-pos., normal blow, 1 N/O contact and 1 N/C contact

RoHS

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 |
| GTIN | 4 017918 600570 |
| GTIN | 4017918600570 |
| Custom tariff number | 85362010 |

## Technical data

### General

| | |
|---|---|
| Mounting type | on base element |
| Color | black |
| Number of positions | 1 |
| 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 |

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## Technical data

### Electrical data

| | |
|---|---|
| Rated current $I_N$ | 0.8 A |
| Insulation resistance $R_{iso}$ | > 100 MΩ (500 V DC) |
| Rated short-circuit switching capacity $I_{cn}$ | 400 A |
| | 2500 A (32 V DC) |
| Short-circuit switching capacity | 5000 A (UL 1077: 277 V AC) |
| | 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) |
| Switching cycles, max. | 10000 (At 1 x $I_n$, inductive) |
| Degree of pollution | 2 |
| Overvoltage 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) |
| | IP00 (Connection area) |
| Ambient temperature (operation) | -30 °C ... 60 °C |

### Connection data

| | |
|---|---|
| Connection method | pluggable |

### Standards and Regulations

| | |
|---|---|
| Standards/specifications | EN 60934 |
| | UL 1077 |

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 27141116 |
| eCl@ss 4.1 | 27141116 |

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## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141116 |
| 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 |
| ETIM 6.0 | EC000899 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11 | 39121411 |
| UNSPSC 12.01 | 39121411 |
| UNSPSC 13.2 | 39121410 |
| UNSPSC 19.0 | 39121410 |

## 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, width: 6 mm, Color: black

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## Accessories

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