

Thermomagnetic device circuit breaker - TMCP 1 M1 300 4,0A - 0915797


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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 6 pc |
| GTIN |  4 017918 600631 |
| GTIN | 4017918600631 |
| Sales Key | 04 |

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 |
| Rated current I_N | 4 A |
| Insulation resistance R_{iso} | > 100 M Ω (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) |

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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) |
| 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 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141116 |
| eCl@ss 4.0 | 27141100 |
| eCl@ss 4.1 | 27141100 |
| eCl@ss 5.0 | 27141100 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |

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Classifications

eCl@ss

| | |
|------------|----------|
| 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 |
| ETIM 7.0 | EC000899 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11 | 39121411 |
| UNSPSC 12.01 | 39121411 |
| UNSPSC 13.2 | 39121410 |
| UNSPSC 18.0 | 39121410 |
| UNSPSC 19.0 | 39121410 |
| UNSPSC 20.0 | 39121410 |
| UNSPSC 21.0 | 39121410 |

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Zeichengenehmigung / EAC

Ex Approvals

Approval details

| | | | |
|-----|--|---|--------|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 074317 |
|-----|--|---|--------|

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Approvals

| | | | |
|---------------|--|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 140459 |
|---------------|--|---|---------------|

| | | | |
|------------------------|--|---|----------|
| VDE Zeichengenehmigung | | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40029348 |
|------------------------|--|---|----------|

| | | | |
|-----|--|--|-------------------------|
| EAC | | | RU C- DE.A*30.B01546 |
|-----|--|--|-------------------------|

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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