

Thermomagnetic device circuit breaker - TMC 71D 03A - 1020039

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Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 17.6 mm, mounting type: DIN rail: 35 mm, Color: gray



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 0 5 5 6 2 6 5 0 9 2 4 2 |
| GTIN | 4055626509242 |
| Weight per Piece (excluding packing) | 116.670 g |
| Custom tariff number | 85362010 |
| Country of origin | China |

Technical data

General

| | |
|---------------------|-----------------|
| Mounting type | DIN rail: 35 mm |
| Color | gray |
| Number of positions | 1 |

Electrical data

| | |
|---|----------------------------|
| Operating voltage | 277 V AC |
| | 60 V DC |
| Rated current I_N | 3 A |
| Rated short-circuit switching capacity I_{cn} | 7.5 kA (240 V AC/ 60 V DC) |
| | 5 kA (277 V AC) |

Dimensions

Thermomagnetic device circuit breaker - TMC 71D 03A - 1020039

Technical data

Dimensions

| | |
|--------|---------|
| Height | 81.4 mm |
| Width | 17.6 mm |
| Depth | 65.7 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -35 °C ... 70 °C |

Connection data

| | |
|---------------------------------------|--------------------|
| Conductor cross section solid min. | 1 mm ² |
| Conductor cross section solid max. | 35 mm ² |
| Conductor cross section flexible min. | 1 mm ² |
| Conductor cross section flexible max. | 35 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 2 |
| Connection method | Screw |
| Tightening torque max | 2 Nm |

Standards and Regulations

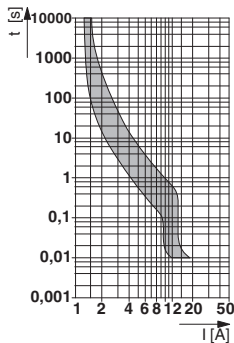
| | |
|--------------------------|---------|
| Standards/specifications | UL 1077 |
|--------------------------|---------|

Environmental Product Compliance

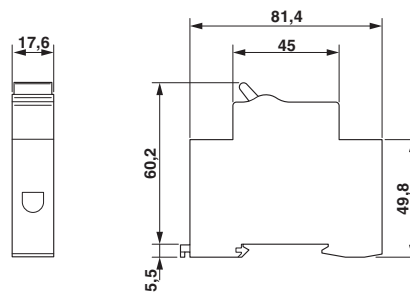
| | |
|------------|-------------------------|
| REACH SVHC | Lead 7439-92-1 |
| | Cadmium oxide 1306-19-0 |

Drawings

Diagram



Dimensional drawing



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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141116 |
| eCl@ss 11.0 | 27141116 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141116 |
| eCl@ss 9.0 | 27141116 |

ETIM

| | |
|----------|----------|
| ETIM 6.0 | EC000899 |
| ETIM 7.0 | EC000899 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

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

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

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| cULus Recognized | | | |
|------------------|--|--|--|

Accessories

Accessories

Thermomagnetic device circuit breaker - TMC 71D 03A - 1020039

Accessories

Bridge

Wiring bridge - TMC 7 B1 80 57 C - 1022238



Bus bar for TMC 71... circuit breakers (single phase) 17.8 mm pitch, up to 57 positions. Rated for 80 A (end feed) 600 V AC/1000 V DC. UL508 Listed for connection of UL1077 rated circuit breakers.

Wiring bridge - TMC 7 B1 80 37 CA - 1022237



Bus bar for TMC 71... circuit breakers (single phase) with auxiliary switch module. 27.0 mm pitch, up to 37 positions. Rated for 80 A (end feed) 600 V AC/1000 V DC. UL508 Listed for connection of UL1077 rated circuit breakers.

Device marking

Label - EML (10X4)R - 0815583



Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 10 x 4 mm, Number of individual labels: 10000

Terminal marking

Marking foil for zack marker strip - TML (104X3,8)R - 0801833



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 3.8 mm, Number of individual labels: 2500

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Accessories

Terminal adapter - TMC 7 B1 TERM - 1022233



Feeder terminal adapter for TMC 71 circuit breakers, single-phase bus bars. Rated for 1000 V AC/DC, 115 A. Wire range 10...1/0 AWG. UL 508 Listed for connection to UL 1077 rated circuit breakers.

Wiring bridge end cover - TMC 7 B1 END CAP - 1022231



Protective end covers for TMC 7 single-pole bus bars

Protective covers - TMC 7 B BUS CAP - 1022224



Protective covers for TMC 7 single-pole bus bars. Cuttable, five positions, yellow.

Thermomagnetic device circuit breaker - TMC 7/8 AUX - 2908219



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 9 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 7/8 ALARM - 2908220



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 9 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

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Accessories

Thermomagnetic device circuit breaker - TMC 7/8 12VDC SHNT - 2908221



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 7/8 24VDC SHNT - 2908222



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 7/8 48VDC SHNT - 2908224



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 7/8 125VDC SHNT - 2908225



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 7/8 120VAC SHNT - 2908226



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 71D 03A - 1020039

Accessories

Thermomagnetic device circuit breaker - TMC 7/8 240VAC SHNT - 2908227



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

Thermomagnetic device circuit breaker - TMC 7/8 277VAC SHNT - 2908228



Thermomagnetic device circuit breaker, number of positions: 1, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray