

## Thermomagnetic device circuit breaker - TMC 72C 06A - 1019999

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Thermomagnetic device circuit breaker, number of positions: 2, connection method: Screw, cross section: 1 mm<sup>2</sup>- 35 mm<sup>2</sup>, AWG: 18 - 2, width: 35.3 mm, mounting type: DIN rail: 35 mm, Color: gray

RoHS

### Key Commercial Data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 230.000 g |
| Country of origin                    | China     |

### Technical data

#### General

|                     |                 |
|---------------------|-----------------|
| Mounting type       | DIN rail: 35 mm |
| Color               | gray            |
| Number of positions | 2               |

#### Electrical data

|  |  |
|--|--|
| Operating voltage                                      | 277 V AC (277/480Y, 240D)              |
|  | 125 V DC (two poles in series)         |
| Rated current I <sub>N</sub>                           | 6 A                                    |
| Rated short-circuit switching capacity I <sub>cn</sub> | 5 kA (277/480Y, 240D)                  |
|  | 7.5 kA (125 V DC, two poles in series) |

#### Dimensions

|        |         |
|--------|---------|
| Height | 82 mm   |
| Width  | 35.3 mm |
| Depth  | 65.7 mm |

#### Ambient conditions

Thermomagnetic device circuit breaker - TMC 72C 06A - 1019999

Technical data

Ambient conditions

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

Connection data

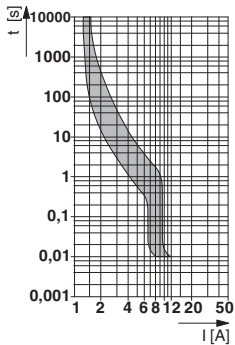
|                                       |        |
|---------------------------------------|--------|
| Conductor cross section solid min.    | 1 mm²  |
| Conductor cross section solid max.    | 35 mm² |
| Conductor cross section flexible min. | 1 mm²  |
| Conductor cross section flexible max. | 35 mm² |
| Conductor cross section AWG min.      | 18     |
| Conductor cross section AWG max.      | 2      |
| Connection method                     | Screw  |
| Tightening torque max                 | 2 Nm   |

Standards and Regulations

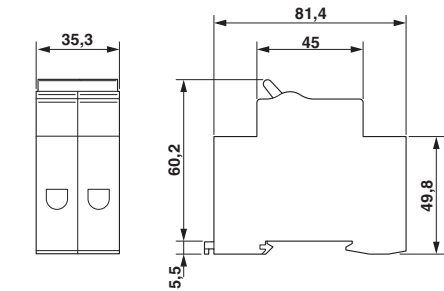
|                          |             |
|--------------------------|-------------|
| Standards/specifications | UL 1077     |
|                          | IEC 60947-2 |

Drawings

Diagram



Dimensional drawing



Classifications

eCl@ss

|            |          |
|------------|----------|
| 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 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000899 |
| ETIM 6.0 | EC000899 |

## Approvals




### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

### Approval details

|                  |   |   |               |
|------------------|---|---|---------------|
| UL Recognized    |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 140459 |
| cUL Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 140459 |
| cULus Recognized |  |   |               |

## Accessories

### Accessories

#### Bridge

Wiring bridge - TMC 7 B2 80 56 C - 1022236



## Thermomagnetic device circuit breaker - TMC 72C 06A - 1019999

### Accessories

Wiring bridge - TMC 7 B2 80 46 CA - 1022235



Terminal adapter - TMC 7 B2/3 TERM - 1022232



Wiring bridge end cover - TMC 7 B2/3 END CAP - 1022229



Terminal adapter - TMC 7 B BUS CAP - 1022224



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



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

## Thermomagnetic device circuit breaker - TMC 72C 06A - 1019999

### Accessories

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



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

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



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

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



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

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



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

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



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

## Thermomagnetic device circuit breaker - TMC 72C 06A - 1019999

### Accessories

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



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

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



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

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



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