

## Thermomagnetic device circuit breaker - TMC 82C 06A - 2907588

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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, Color: gray



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 055626 215594 |
| GTIN                                 | 4055626215594   |
| Weight per Piece (excluding packing) | 286.670 g   |
| Country of origin                    | China   |

### Technical data

#### General

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

#### Electrical data

|  |   |
|--|---|
| Operating voltage                                      | 240 V AC (277/480Y, 240D)<br>125 V DC (two poles in series) |
| Rated current I <sub>N</sub>                           | 6 A   |
| Rated short-circuit switching capacity I <sub>cn</sub> | 10 kA (IC)  |

#### Dimensions

|        |         |
|--------|---------|
| Height | 116 mm  |
| Width  | 35.3 mm |

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## Technical data

### Dimensions

|       |         |
|-------|---------|
| Depth | 65.7 mm |
|-------|---------|

### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -35 °C ... 70 °C |
|---------------------------------|------------------|

### Connection data

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

### Standards and Regulations

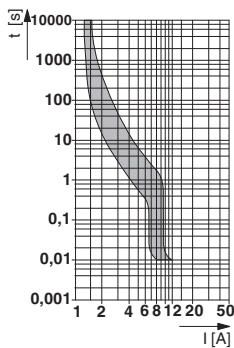
|                          |                    |
|--------------------------|--------------------|
| Standards/specifications | UL 489 IEC 60947-2 |
|--------------------------|--------------------|

### Environmental Product Compliance

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

## Drawings

Diagram



Dimensional drawing



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141116 |
|---------------|----------|

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## Classifications

### eCl@ss

|             |          |
|-------------|----------|
| eCl@ss 11.0 | 27141116 |
| eCl@ss 4.0  | 27141116 |
| eCl@ss 4.1  | 27141116 |
| eCl@ss 5.0  | 27141116 |
| eCl@ss 5.1  | 27141100 |
| eCl@ss 6.0  | 27141100 |
| eCl@ss 7.0  | 27141116 |
| eCl@ss 9.0  | 27141116 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | 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   | 39121620 |
| UNSPSC 18.0   | 39121410 |
| UNSPSC 19.0   | 39121410 |
| UNSPSC 20.0   | 39121410 |
| UNSPSC 21.0   | 39121410 |

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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### Approval details

# Thermomagnetic device circuit breaker - TMC 82C 06A - 2907588

## Approvals

|           |  |   |               |
|-----------|--|---|---------------|
| UL Listed |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | FILE E 320373 |
|-----------|--|---|---------------|

|            |  |   |               |
|------------|--|---|---------------|
| cUL Listed |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | FILE E 320373 |
|------------|--|---|---------------|

|              |  |  |  |
|--------------|--|--|--|
| cULus Listed |  |  |  |
|--------------|--|--|--|

## Accessories

### Accessories

#### Bridge

Wiring bridge - TMC 8 B2 80 56 C - 2907993



Bus bar for TMC 82... circuit breakers (two phase) 17.8 mm pitch, up to 56 positions. Rated for 80 A (end feed) 600 V AC/DC. UL 508 Listed for connection of UL 489 rated circuit breakers.

Wiring bridge - TMC 8 B2 80 46 CA - 2907995



Bus bar for TMC 82... circuit breakers (two phase) with auxilliary switch module. 17.8 mm pitch, up to 46 positions. Rated for 80 A (end feed) 600 V AC/DC. UL 508 Listed for connection of UL 489 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

# Thermomagnetic device circuit breaker - TMC 82C 06A - 2907588

## Accessories

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### 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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Terminal adapter - TMC 8 B TERM PIN - 2907998



Feeder terminal adapter for TMC 8..... circuit breaker bus bars. Rated for 1000 V AC/DC, 115 A. Wire range 14...2 AWG. UL Listed for connection to UL 489 rated circuit breakers.

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Wiring bridge end cover - TMC 8 B END CAP - 2907999



Protective end covers for TMC 8 bus bars

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Protective covers - TMC 8 B BUS CAP - 2908000



Protective covers for TMC 8 bus bars. Cuttable, three positions, yellow.

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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

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### Accessories

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#### 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

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## Thermomagnetic device circuit breaker - TMC 82C 06A - 2907588

### 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

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