

Thermomagnetic device circuit breaker - TMC 82B 50A - 2907535

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Thermomagnetic device circuit breaker, number of positions: 2, connection method: Screw, cross section: 1 mm²- 35 mm², AWG: 18 - 2, width: 35.3 mm, mounting type: DIN rail, Color: gray

RoHS

Key Commercial Data

| | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc |
| GTIN |  4 055626 215235 |
| GTIN | 4055626215235 |
| Weight per Piece (excluding packing) | 1.000 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 (120/240S, 240D) |
| | 125 V DC (two poles in series) |
| Rated current I_N | 50 A |
| Rated short-circuit switching capacity I_{cn} | 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 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 489 |
| | IEC 60947-2 |

Classifications

eCl@ss

| | |
|------------|----------|
| 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 8.0 | 27141116 |
| eCl@ss 9.0 | 27141116 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 |
| ETIM 6.0 | EC000899 |
| ETIM 7.0 | EC000899 |

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211812 |
| UNSPSC 7.0901 | 39121411 |
| UNSPSC 11 | 39121411 |
| UNSPSC 12.01 | 39121411 |
| UNSPSC 13.2 | 39121620 |

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

| | | | |
|-----------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 320373 |
|-----------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

| | | | |
|------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 320373 |
|------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

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

Accessories

Accessories

Bridge

Thermomagnetic device circuit breaker - TMC 82B 50A - 2907535

Accessories

Wiring bridge - TMC 8 B1 80 57 C - 2907991



Bus bar for TMC 81... circuit breakers (single phase). 17.8 mm pitch, up to 57 positions. Rated for 80 A (end feed) 1000 V AC/DC. UL 508 Listed for connection of UL 489 rated circuit breakers.

Wiring bridge - TMC 8 B1 80 37 CA - 2907992



Bus bar for TMC 81... circuit breakers (single phase) with auxilliary switch module. 17.8 mm pitch, up to 37 positions. Rated for 80 A (end feed) 1000 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

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

Terminal adapter - TMC 8 B TERM PIN - 2907998



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Accessories

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



Protective end covers for TMC 8 bus bars

Protective covers - TMC 8 B BUS CAP - 2908000



Protective covers for TMC 8 bus bars. Cuttable, three 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

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 82B 50A - 2907535

Accessories

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 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 82B 50A - 2907535

Accessories

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