

## Thermomagnetic device circuit breaker - TMC 71B 40A - 1019925


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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: 17.6 mm, mounting type: DIN rail: 35 mm, Color: gray



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 055626 508160 |
| GTIN                                 | 4055626508160   |
| Weight per Piece (excluding packing) | 118.330 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 $I_N$                             | 40 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 71B 40A - 1019925

## 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 <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 1077     |
|                          | IEC 60947-2 |

### 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 |  | <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

## Thermomagnetic device circuit breaker - TMC 71B 40A - 1019925

### 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.

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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

## Thermomagnetic device circuit breaker - TMC 71B 40A - 1019925

### 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 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 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

## Thermomagnetic device circuit breaker - TMC 71B 40A - 1019925

### 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 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 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 71B 40A - 1019925

### 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 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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