

## Thermomagnetic device circuit breaker - TMC 81D 03A - 2907628

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Thermomagnetic device circuit breaker, number of positions: 1, width: 17.6 mm, mounting type: DIN rail: 35 mm, Color: gray

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 055626 215181 |
| GTIN                                 | 4055626215181                                                                                           |
| Weight per Piece (excluding packing) | 150.000 g                                                                                               |
| Country of origin                    | China                                                                                                   |

### Technical data

#### General

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

#### Electrical data

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Operating voltage                               | 120 V AC (277 V AC) |
|                                                 | 60 V DC             |
| Rated current $I_N$                             | 3 A                 |
| Rated short-circuit switching capacity $I_{cn}$ | 10 kA (IC)          |

#### Dimensions

|        |         |
|--------|---------|
| Height | 116 mm  |
| Width  | 17.6 mm |

# Thermomagnetic device circuit breaker - TMC 81D 03A - 2907628

## Technical data

### Dimensions

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

### Ambient conditions

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

### 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 |

### UNSPSC

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

## Approvals

### Approvals

# Thermomagnetic device circuit breaker - TMC 81D 03A - 2907628

## Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

---

Ex Approvals

---

## Approval details

|              |  |                                                                                                                                                       |               |
|--------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed    |  | <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 320373 |
| cUL Listed   |  | <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 320373 |
| cULus Listed |  |                                                                                                                                                       |               |

## Accessories

Accessories

Bridge

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.

## Thermomagnetic device circuit breaker - TMC 81D 03A - 2907628

### Accessories

#### 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



---

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 81D 03A - 2907628

### Accessories

---

#### 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 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

---

#### 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

---

#### 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

---

## Thermomagnetic device circuit breaker - TMC 81D 03A - 2907628

### Accessories

#### 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 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

---

#### 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

---

#### 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

---