

# Thermomagnetic device circuit breaker - TMC 71C 20A - 1019985


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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	 4 0 5 5 6 2 6 5 0 8 7 2 6
GTIN	4055626508726
Weight per Piece (excluding packing)	115.000 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 <sub>N</sub>	20 A
Rated short-circuit switching capacity I <sub>cn</sub>	7.5 kA (240 V AC/ 60 V DC)
	5 kA (277 V AC)

### Dimensions

# Thermomagnetic device circuit breaker - TMC 71C 20A - 1019985

## 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
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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
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cULus Recognized			
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## Accessories

### Accessories

## Thermomagnetic device circuit breaker - TMC 71C 20A - 1019985

### 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.

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 71C 20A - 1019985

### 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 71C 20A - 1019985

### 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 71C 20A - 1019985

### 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