Thermomagnetic device circuit breaker - TMC 83B 30A - 2907556

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Thermomagnetic device circuit breaker, number of positions: 3, connection method: Screw, cross section: 1 mm² - 35 mm², AWG: 18 - 2, width: 52.9 mm, mounting type: DIN rail, Color: gray

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 216058
GTIN	4055626216058
Weight per Piece (excluding packing)	150.000 g
Country of origin	China

Technical data

General

Mounting type	DIN rail
Color	gray
Number of positions	3

Electrical data

Operating voltage	240 V AC (277/480Y, 240D)
Rated current I_N	30 A
Rated short-circuit switching capacity I_{cn}	10 kA (IC)

Dimensions

Height	116 mm
Width	52.9 mm
Depth	65.7 mm

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Technical data

Ambient conditions

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

Connection data

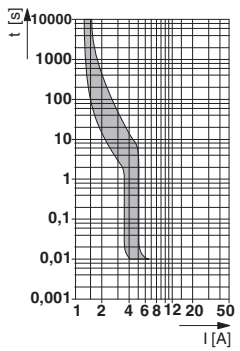
Conductor cross section solid min.	1 mm²
Conductor cross section solid max.	35 mm²
Conductor cross section flexible min.	1 mm²
Conductor cross section flexible max.	35 mm²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Connection method	Screw
Tightening torque max	2 Nm

Standards and Regulations

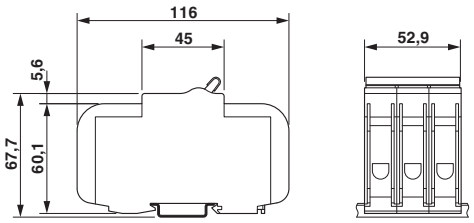
Standards/specifications	UL 489
	IEC 60947-2

Drawings

Diagram



Dimensional drawing



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

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Classifications

eCl@ss

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

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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Approvals

cULus Listed

Accessories

Accessories

Bridge

Wiring bridge - TMC 8 B3 80 57 C - 2907996

Bus bar for TMC 83... circuit breakers

Wiring bridge - TMC 8 B3 80 48 CA - 2907997

Bus bar for TMC 83... circuit breakers with auxiliary contact module

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

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Accessories

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

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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 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

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Thermomagnetic device circuit breaker - TMC 83B 30A - 2907556

Accessories

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

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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 mm² - 35 mm², 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 mm² - 35 mm², 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 mm² - 35 mm², 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 mm² - 35 mm², 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 83B 30A - 2907556

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 mm² - 35 mm², 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 mm² - 35 mm², 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 mm² - 35 mm², AWG: 18 - 2, width: 18 mm, mounting type: Snaps on to side of circuit breaker, Color: gray

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