

Thermomagnetic device circuit breaker - TMC 83B 20A - 2907553

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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 STK
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	277 V AC (277/480Y, 240D)
Rated current I_N	20 A
Rated short-circuit switching capacity I_{cn}	10 kA (IC)

Dimensions

Height	116 mm
Width	52.9 mm
Depth	65.7 mm

Ambient conditions

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

Thermomagnetic device circuit breaker - TMC 83B 20A - 2907553

Technical data

Connection data

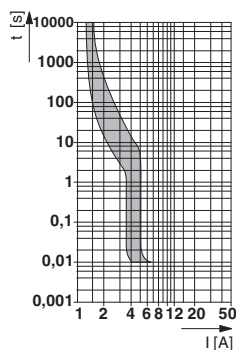
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	35 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Connection method	Screw
Tightening torque max	2 Nm

Standards and Regulations

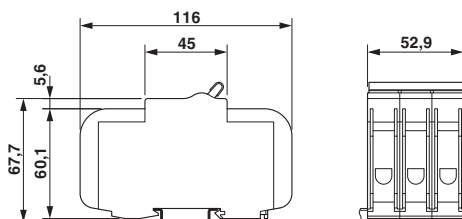
Standards/specifications	UL 489
	IEC 60947-2

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	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116
eCl@ss 9.0	27141116

Thermomagnetic device circuit breaker - TMC 83B 20A - 2907553

Classifications

ETIM

ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899
ETIM 6.0	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
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 320373
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cULus Listed			
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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

Terminal adapter - TMC 8 B TERM PIN - 2907998



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



Wiring bridge end cover - TMC 8 B BUS CAP - 2908000



Thermomagnetic device circuit breaker - TMC 83B 20A - 2907553

Accessories

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 7/8 24VDC SHNT - 2908222



Thermomagnetic device circuit breaker, 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, 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 83B 20A - 2907553

Accessories

Thermomagnetic device circuit breaker - TMC 7/8 125VDC SHNT - 2908225



Thermomagnetic device circuit breaker, 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, 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, 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 277VAC SHNT - 2908228



Thermomagnetic device circuit breaker, 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