

Thermomagnetic device circuit breaker - TMC 83D 16A - 2907688

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: 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	16 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
---------------------------------	------------------

Connection data

Thermomagnetic device circuit breaker - TMC 83D 16A - 2907688

Technical data

Connection data

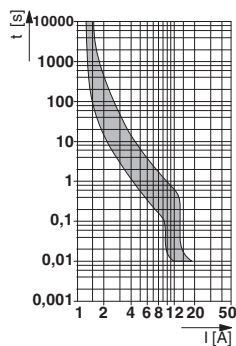
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	35 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Connection method	Screw
Tightening torque max	2 Nm

Standards and Regulations

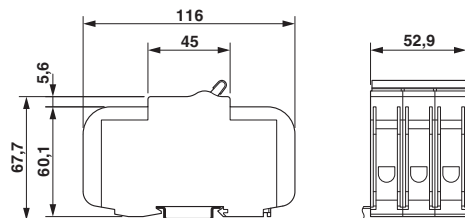
Standards/specifications	UL 489 IEC 60947-2
--------------------------	--------------------

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 83D 16A - 2907688

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
-----------	---	---	---------------

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 320373
------------	---	---	---------------

cULus Listed			
--------------	---	--	--

