



**Automatización Eléctrica**

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#)

# T1B 160 TMD80-800 3p F FC Cu (1 70mm<sup>2</sup>)



## General Information

Extended Product Type:	T1B 160 TMD80-800 3p F FC Cu (1 70mm <sup>2</sup> )
Product ID:	1SDA050877R1
EAN:	8015644512897
Catalog Description:	T1B 160 TMD80-800 3p F FC Cu (1 70mm <sup>2</sup> )
Long Description:	C.BREAKER TMAX T1B 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm <sup>2</sup> AND THERMOMAGNETIC RELEASE TMD R 80-800 A

## Categories

Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » Tmax T

## Ordering

EAN:	8015644512897
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

## Dimensions

Product Net Width:	76 mm
Product Net Height:	130 mm
Product Net Depth:	70 mm
Product Net Weight:	1 kg

## Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	128 mm
Package Level 1 Height:	135 mm
Package Level 1 Length:	143 mm
Package Level 1 Gross Weight:	1.11 kg
Package Level 1 EAN:	8015644512897

## Environmental

RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
--------------	--

## Additional Information

Current Rating:	80 A
Electrical Durability:	8000 cycle 120 cycles per hour
IIT Publishing Status:	Level 0 - Information enabled
Mechanical Durability:	25000 cycle 240 cycles per hour
Number of Poles:	3
Order Multiple:	1 piece
Power Loss:	at Rated Operating Conditions per Pole 4,8 W
Product Main Type:	SACE Tmax T
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current (I <sub>n</sub> ):	80 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	8 kV
Rated Insulation Voltage (U <sub>i</sub> ):	800 V
Rated Operational Voltage:	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA

(415 V AC) 16 kA  
(440 V AC) 10 kA  
(500 V AC) 8 kA  
(690 V AC) 3 kA  
(250 V DC) 2 Poles in Series 16 kA  
(250 V DC) 3 Poles in Series 20 kA  
(500 V DC) 3 Poles in Series 16 kA

**Rated Uninterrupted Current ( $I_u$ ):** 160 A

**Release Type:** TM

**Standards:** IEC 60947

**Sub-type:** T1

**Suitable For:** T1

**Suitable for Product Class:** Moulded Case Circuit Breakers

**Terminal Connection Type:** Fixed Circuit-Breakers  
Front for Copper Cables

**Test Voltage Max ( $U_{test}$ ):** 3000 V

**Version:** F

---

### Certificates and Declarations (Document Number)

**Data Sheet, Technical Information:** 1SDC210004D0203

**Declaration of Conformity - CE:** 1SDL000165R0001

**GL Certificate:** 1SDL000163R0058

**RoHS Information:** 1SDL000200R0001

---

### Classifications

**Object Classification Code:** Q

**UNSPSC:** 39121100





**Automatización Eléctrica**  
Especialistas en Automatización

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
T1B 160 TMD80-800 3p F FC Cu (1-ù70mm2)	1SDA050877R1	T1B160	<a href="#">Buy on EAN</a>