



**Automatización Eléctrica**

Especialistas en Automatización

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# T1N 160 TMD32-500 3p F FC Cu (1 70mm<sup>2</sup>)



## General Information

Extended Product Type:	T1N 160 TMD32-500 3p F FC Cu (1 70mm <sup>2</sup> )
Product ID:	1SDA050917R1
EAN:	8015644513290
Catalog Description:	T1N 160 TMD32-500 3p F FC Cu (1 70mm <sup>2</sup> )
Long Description:	C.BREAKER Tmax T1N 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm <sup>2</sup> AND THERMOMAGNETIC RELEASE TMD R 32-500 A

## Categories

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

## Ordering

EAN:	8015644513290
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090
Replacement Product ID (NEW):	<a href="#">1SDA067411R1</a>

## 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:	8015644513290

## Environmental

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

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
Power Loss:	at Rated Operating Conditions per Pole 2,1 W
Product Main Type:	SACE Tmax T
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current (I <sub>n</sub> ):	32 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) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA

(400 V AC) 36 kA  
(415 V AC) 36 kA  
(440 V AC) 22 kA  
(500 V AC) 15 kA  
(690 V AC) 6 kA  
(250 V DC) 2 Poles in Series 36 kA  
(250 V DC) 3 Poles in Series 40 kA  
(500 V DC) 3 Poles in Series 36 kA

<b>Rated Uninterrupted Current (<math>I_u</math>):</b>	160 A
<b>Release Type:</b>	TM
<b>Standards:</b>	IEC 60947
<b>Sub-type:</b>	T1
<b>Suitable For:</b>	T1
<b>Suitable for Product Class:</b>	Moulded Case Circuit Breakers
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front for Copper Cables
<b>Test Voltage at Industrial Frequency for 1 Minute:</b>	3000 V
<b>Test Voltage Max (<math>U_{test}</math>):</b>	3000 V
<b>Version:</b>	F

### Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	1SDC210004D0203
<b>Data Sheet, Technical Information (Part 2):</b>	1SDM000030R0001
<b>Declaration of Conformity - CE:</b>	1SDL000165R0001
<b>GL Certificate:</b>	1SDL000163R0058
<b>RoHS Information:</b>	1SDL000200R0001

### Classifications

<b>E-number:</b>	3180067
<b>Object Classification Code:</b>	Q
<b>UNSPSC:</b>	39121100





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- 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.

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Product	Code	Reference	Product link
T1N 160 TMD32-500 3p F FC Cu (1-ù70mm2)	1SDA050917R1	T1N160	<a href="#">Buy on EAN</a>