



**Automatización Eléctrica**

Especialistas en Automatización

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### General Information

Extended Product Type:	T2N 160 TMD80-800 4p F F
Product ID:	1SDA050979R1
EAN:	8015644514013
Catalog Description:	T2N 160 TMD80-800 4p F F
Long Description:	C.BREAKER TMAX T2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS 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:	8015644514013
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

### Dimensions

Product Net Width:	120 mm
Product Net Height:	130 mm
Product Net Depth:	70 mm
Product Net Weight:	1.45 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:	1.55 kg
Package Level 1 EAN:	8015644514013

### 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:	4
Power Loss:	at Rated Operating Conditions per Pole 6,1 W
Product Main Type:	SACE Tmax T
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current ( $I_n$ ):	80 A
Rated Impulse Withstand Voltage ( $U_{imp}$ ):	8 kV
Rated Insulation Voltage ( $U_i$ ):	800 V
Rated Operational Voltage:	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):	(220 V AC) 65 kA (230 V AC) 65 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):	(220 V AC) 6.5 kA (230 V AC) 6.5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA

(500 V AC) 25 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>	T2
<b>Suitable For:</b>	T2
<b>Suitable for Product Class:</b>	Moulded Case Circuit Breakers
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<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>	1SDL000165R0002
<b>GL Certificate:</b>	1SDL000163R0059
<b>RoHS Information:</b>	1SDL000200R0001

### Classifications

<b>E-nummer:</b>	3180166
<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.

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

<b>Product</b>	<b>Code</b>	<b>Reference</b>	<b>Product link</b>
T2N 160 TMD80-800 4p F F	1SDA050979R1	T2N160	<a href="#">Buy on EAN</a>