



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

Extended Product Type:	XT1S 160 TMD 80-800 3p F F
Product ID:	1SDA067433R1
EAN:	8015644013271
Catalog Description:	XT1S 160 TMD 80-800 3p F F
Long Description:	C.BREAKER TMAX XT1S 160 FIXED THREE-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 XT
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## Ordering

EAN:	8015644013271
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

## Dimensions

Product Net Width:	76.2 mm
Product Net Height:	130 mm
Product Net Depth:	70 mm
Product Net Weight:	1.1 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:	1.1 kg
Package Level 1 EAN:	8015644013271

## Additional Information

Circuit Breaker Type to be Associated:	Power distribution
Electrical Durability:	120 cycles per hour 8000 cycle
Mechanical Durability:	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle
Number of Poles:	3
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms
Power Loss:	at Rated Operating Conditions per Pole 4.8 W
Product Main Type:	SACE Tmax XT
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current ( $I_n$ ):	80 A
Rated Frequency (f):	50 / 60 Hz
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) 63,75 kA (220 V AC) 63,75 kA (380 V AC) 50 kA (415 V AC) 37,5 kA (440 V AC) 25 kA (500 V AC) 18 kA (690 V AC) 4 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):	(220 V AC) 85 kA (230 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (690 V AC) 8 kA

	(250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
<b>Rated Uninterrupted Current (I<sub>u</sub>):</b>	160 A
<b>Rated Voltage (U<sub>r</sub>):</b>	690 V
<b>Release Type:</b>	TM
<b>Standards:</b>	IEC 60947
<b>Sub-type:</b>	XT1
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<b>Version:</b>	F

**Certificates and Declarations (Document Number)**

<b>Data Sheet, Technical Information:</b>	1SDC210033D0201
<b>Declaration of Conformity - CE:</b>	1SDL000165R0009
<b>GL Certificate:</b>	1SDL000163R0103
<b>LR Certificate:</b>	1SDL000163R0100

**Classifications**

<b>ETIM 4:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 5:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>Object Classification Code:</b>	Q
<b>UNSPSC:</b>	39120000





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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>
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