

## General Information

<b>Extended Product Type:</b>	XT1S 160 TMD 32-450 3p F F
<b>Product ID:</b>	1SDA080833R1
<b>EAN:</b>	8015644873615
<b>Catalog Description:</b>	XT1S 160 TMD 32-450 3p F F
<b>Long Description:</b>	C.BREAKER TMAX XT1S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 32-450 A

## Categories

Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » Tmax XT
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## Ordering

<b>EAN:</b>	8015644873615
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

## Dimensions

<b>Product Net Width:</b>	76.2 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Depth:</b>	70 mm
<b>Product Net Weight:</b>	1.1 kg

## Additional Information

<b>Electrical Durability:</b>	120 cycles per hour 8000 cycle
<b>Mechanical Durability:</b>	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle
<b>Number of Poles:</b>	3
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms
<b>Product Main Type:</b>	SACE Tmax XT
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Type:</b>	CB
<b>Rated Current (<math>I_n</math>):</b>	32 A
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	800 V
<b>Rated Operational Voltage:</b>	690 V AC 500 V DC
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(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
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(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 (<math>I_u</math>):</b>	160 A
<b>Rated Voltage (<math>U_r</math>):</b>	690 V
<b>Release Type:</b>	TM
<b>Standards:</b>	IEC
<b>Sub-type:</b>	XT1
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<b>Version:</b>	F

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE: [9AKK106713A5532](#)  
Instructions and Manuals: [1SDH000719R0001](#)  
Data Sheet, Technical Information: [1SDC210033D0203](#)

## Classifications

ETIM 6: EC000228 - Power circuit-breaker for trafo/generator/installation prot.

