

General Information

Extended Product Type:	XT1S 160 TMF 20-450 3p F F
Product ID:	1SDA080831R1
EAN:	8015644873493
Catalog Description:	XT1S 160 TMF 20-450 3p F F
Long Description:	C.BREAKER TMAX XT1S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 20-450 A

Categories

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

EAN:	8015644873493
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

Additional Information

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
Product Main Type:	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker
Product Type:	CB
Rated Current (I_n):	20 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) 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
Rated Uninterrupted Current (I_u):	160 A
Rated Voltage (U_r):	690 V
Release Type:	TM
Standards:	IEC
Sub-type:	XT1
Terminal Connection Type:	Fixed Circuit-Breakers Front
Version:	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.

