

# XT1B 160 TMD 20-450 4p F F



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

## General Information

<b>Extended Product Type:</b>	XT1B 160 TMD 20-450 4p F F
<b>Product ID:</b>	1SDA066811R1
<b>EAN:</b>	8015644694500
<b>Catalog Description:</b>	XT1B 160 TMD 20-450 4p F F
<b>Long Description:</b>	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 20-450 A

## Additional Information

<b>Circuit Breaker Type to be Associated:</b>	Power distribution
<b>Country of Origin:</b>	Italy (IT)
<b>Customs Tariff Number:</b>	85362090
<b>Data Sheet, Technical Information:</b>	1SDC210033D0203
<b>Declaration of Conformity - CE:</b>	9AKK106713A5532
<b>EAN:</b>	8015644694500
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Power switchgear / General
<b>EPLAN Function Definition:</b>	Safety switch / Safety switch, 8 connection points / Safety switch, four-pole 1-2-3-4-5-6-7-8
<b>EPLAN Macro:</b>	9AKK106930A4376
<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>ETIM 6:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>Electrical Durability:</b>	120 cycles per hour 8000 cycle
<b>Environmental Information:</b>	1SDL000190R0001
<b>GL Certificate:</b>	1SDL000163R0103
<b>Instructions and Manuals:</b>	1SDH000719R0001
<b>Invoice Description:</b>	XT1B 160 TMD 20-450 4p F F
<b>LR Certificate:</b>	1SDL000163R0100
<b>Mechanical Durability:</b>	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Poles:</b>	4
<b>Object Classification Code:</b>	Q
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms
<b>Package Level 1 EAN:</b>	8015644694500
<b>Package Level 1 Gross Weight:</b>	1.4 kg
<b>Package Level 1 Height:</b>	135 mm
<b>Package Level 1 Length:</b>	143 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	128 mm
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 1.8 W
<b>Product Main Type:</b>	SACE Tmax XT
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Net Depth:</b>	70 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Weight:</b>	1.4 kg

<b>Product Net Width:</b>	101.6 mm
<b>Product Type:</b>	CB
<b>Rated Current (<math>I_n</math>):</b>	20 A
<b>Rated Frequency (f):</b>	50 / 60 Hz
<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) 25 kA (220 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11,25 kA (500 V AC) 8 kA (690 V AC) 3 kA
<b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>	(220 V AC) 52.5 kA (230 V AC) 52.5 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 13.6 kA (690 V AC) 4.5 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
<b>Rated Uninterrupted Current (<math>I_u</math>):</b>	160 A
<b>Rated Voltage (<math>U_r</math>):</b>	690 V
<b>Release:</b>	TMD
<b>Release Type:</b>	TM
<b>Selectivity Category:</b>	A
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	XT1B 160 TMD 20-450 4p F F
<b>Short-Circuit Performance Level:</b>	B
<b>Size:</b>	XT1B
<b>Standards:</b>	IEC
<b>Sub-type:</b>	XT1
<b>Suitable for Isolation:</b>	Yes
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<b>Version:</b>	F
<b>EPLAN Graphical Macro:</b>	9AKK106930A4357

