

XT1B 160 TMD 16-450 4p F F



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

General Information

Extended Product Type:	XT1B 160 TMD 16-450 4p F F
Product ID:	1SDA066810R1
EAN:	8015644007171
Catalog Description:	XT1B 160 TMD 16-450 4p F F
Long Description:	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 16-450 A

Additional Information

ABB Industrial IT Suite:	Protect IT
Circuit Breaker Type to be Associated:	Power distribution
Country of Origin:	Italy (IT)
Customs Tariff Number:	85362090
Data Sheet, Technical Information:	1SDC210033D0203
Declaration of Conformity - CE:	9AKK106713A5532
EAN:	8015644007171
EPLAN Catalog Tree:	Electrical engineering / Power switchgear / General
EPLAN Function Definition:	Safety switch / Safety switch, 8 connection points / Safety switch, four-pole 1-2-3-4-5-6-7-8
EPLAN Macro:	9AKK106930A4376
ETIM 4:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 5:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 6:	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
Electrical Durability:	120 cycles per hour 8000 cycle
Environmental Information:	1SDL000190R0001
GL Certificate:	1SDL000163R0103
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	1
Instructions and Manuals:	1SDH000719R0001
Invoice Description:	XT1B 160 TMD 16-450 4p F F
LR Certificate:	1SDL000163R0100
Mechanical Durability:	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle
Minimum Order Quantity:	1 piece
Number of Poles:	4
Object Classification Code:	Q
Opening Time:	CB with SOR 15 ms CB with UVR 15 ms
Package Level 1 EAN:	8015644007171
Package Level 1 Gross Weight:	1.4 kg
Package Level 1 Height:	135 mm
Package Level 1 Length:	143 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	128 mm
Power Loss:	at Rated Operating Conditions per Pole 1.5 W
Product Main Type:	SACE Tmax XT
Product Name:	Moulded Case Circuit Breaker

Product Net Depth:	70 mm
Product Net Height:	130 mm
Product Net Weight:	1.4 kg
Product Net Width:	101.6 mm
Product Type:	CB
Rated Current (I_n):	16 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) 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
Rated Short-Circuit Making Capacity (I_{cm}):	(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
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(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
Rated Uninterrupted Current (I_u):	160 A
Rated Voltage (U_r):	690 V
Release:	TMD
Release Type:	TM
Selectivity Category:	A
Selling Unit of Measure:	piece
Short Description:	XT1B 160 TMD 16-450 4p F F
Short-Circuit Performance Level:	B
Size:	XT1B
Standards:	IEC
Sub-type:	XT1
Suitable for Isolation:	Yes
Terminal Connection Type:	Fixed Circuit-Breakers Front
Version:	F
EPLAN Graphical Macro:	9AKK106930A4357