

# XT1S 160 TMD 50-500 3p F F



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## General Information

Extended Product Type	XT1S 160 TMD 50-500 3p F F
Product ID	1SDA067431R1
EAN	8015644013257
Catalog Description	XT1S 160 TMD 50-500 3p F F
Long Description	C.BREAKER TMAX XT1S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 50-500 A

## Ordering

EAN	8015644013257
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

## Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	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 Depth / Length	143 mm
Package Level 1 Gross Weight	1.1 kg
Package Level 1 EAN	8015644013257

## 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 3.7 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current ( $I_n$ )	50 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage ( $U_r$ )	690 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Instantaneous Short-Circuit Current Setting ( $I_t$ )	500 A
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 (250 V DC) 2 Poles in Series 50 kA (690 V AC) 8 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current ( $I_u$ )	160 A
Release Type	TM
Setting Range	35...50 A
Standards	IEC
Sub-type	XT1
Terminal Connection Type	Fixed Circuit-Breakers Front
Version	F

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210033D0204
Declaration of Conformity - CE	9AKK106713A5532
Environmental Information	1SDL000190R0001
GL Certificate	1SDL000163R0103
Instructions and Manuals	1SDH000719R0001
LR Certificate	1SDL000163R0100

## Classifications

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.

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
Object Classification Code	Q
UNSPSC	39120000
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

