

PRODUCT-DETAILS

# XT1C 160 TMD 50-500 3p F F

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## General Information

Extended Product Type	XT1C 160 TMD 50-500 3p F F
Product ID	1SDA067394R1
EAN	8015644695194
Catalog Description	XT1C 160 TMD 50-500 3p F F
Long Description	C.BREAKER TMAX XT1C 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 50-500 A

## Ordering

E-Number (Finland)	3638609
EAN	8015644695194
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090
Order Code US and Canada	XT1CE3050AFF000XXX

## Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.066 kg

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**Container Information**


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Package Level 1 Units	box 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	1.12 kg
Package Level 1 EAN	8015644695194

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**Environmental**


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RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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**Additional Information**


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Circuit Breaker Type to be Associated	Power Distribution
Current Type	AC/DC
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
Order Multiple	1 piece
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 ( $I_i$ )	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) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA

(500 V AC) 18 kA  
 (525 V AC) 8 kA  
 (690 V AC) 4 kA  
 (250 V DC) 2 Poles in Series 25 kA  
 (500 V DC) 3 Poles in Series 25 kA

Rated Uninterrupted Current (I <sub>u</sub> )	160 A
Release	TMD
Release Type	TM
RoHS Date	NA
Setting Range	35...50 A
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	XT1
Terminal Connection Type	Fixed Circuit-Breakers
Version	F
CAD Dimensional Drawing	1SDH001295R0008
Mechanical Drawings	1SDH000719R0100
Wiring Diagram	1SDM000068R0001

### Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
Environmental Information	9AKK107991A8215
GL Certificate	1SDL000163R0103
Instructions and Manuals	1SDH000719R0001
LR Certificate	1SDL000163R0100
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

### 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
ETIM 8	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)
eClass	V11.1 : 27370409

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## Categories

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

