

PRODUCT-DETAILS

# XT2S 160 TMD 8-80 3p F F

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## General Information

Extended Product Type	XT2S 160 TMD 8-80 3p F F
Product ID	1SDA067547R1
EAN	8015644014438
Catalog Description	XT2S 160 TMD 8-80 3p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 8-80 A

## Ordering

EAN	8015644014438
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

## Dimensions

Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.1 kg

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	130 mm
Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	1.2 kg
Package Level 1 EAN	8015644014438

**Environmental**

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

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 2.57 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current (I <sub>n</sub> )	8 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	80 A
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA

(250 V DC) 2 Poles in Series 50 kA  
(500 V DC) 3 Poles in Series 50 kA

Rated Uninterrupted Current (I <sub>u</sub> )	160 A
Release	TMD
Release Type	TM
Setting Range	5.6...8 A
Short-Circuit Performance Level	S
Standards	IEC
Sub-type	XT2
Terminal Connection Type	Fixed Circuit-Breakers
Version	F

### Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5901
Environmental Information	1SDL000190R0001
GL Certificate	1SDL000163R0093
Instructions and Manuals	1SDH000721R0001
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)

### Categories

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

