

PRODUCT-DETAILS

# XT1N 160 TMD 100-1000 3p F F

## XT1N 160 TMD 100-1000 3p F F



### General Information

Extended Product Type	XT1N 160 TMD 100-1000 3p F F
Product ID	1SDA067416R1
EAN	8015644013103
Catalog Description	XT1N 160 TMD 100-1000 3p F F
Long Description	C.BREAKER TMAX XT1N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 100-1000 A

### Ordering

E-Number (Finland)	3640527
E-Number (Sweden)	3182429
EAN	8015644013103
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	1.076 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	1.133 kg
Package Level 1 EAN	8015644013103

---



---

**Environmental**


---

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

---



---

**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 7 W
Product Main Type	SACE Tmax XT
Product Name	Leistungsschalter
Product Type	CB
Rated Current ( $I_n$ )	100 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 ( $I_i$ )	1000 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) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA

(525 V AC) 22 kA  
 (690 V AC) 6 kA  
 (250 V DC) 2 Poles in Series 36 kA  
 (500 V DC) 3 Poles in Series 36 kA

Rated Uninterrupted Current (I <sub>u</sub> )	160 A
Release	TMD
Release Type	TM
Setting Range	70...100 A
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT1
Terminal Connection Type	Fixed Circuit-Breakers
Version	F

### Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
Environmental Information	1SDL000190R0004
GL Certificate	1SDL000163R0103
Instructions and Manuals	1SDH000719R0001
LR Certificate	1SDL000163R0100
REACH Declaration	LB-DT 18-21D
RoHS Information	LB-DT 17-21D

### 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)

### Where Used (as part of "kit")

Identifier	Description	Type
3HAC058321-001	Circuit breaker, w term.	Kit

### Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT  
Robotics → Controllers → IRC5 → IRC5 Process Module

