



PRODUCT-DETAILS

# XT2N 160 TMD 1,6-16 4p F F

## XT2N 160 TMD 1,6-16 4p F F



### General Information

Extended Product Type	XT2N 160 TMD 1,6-16 4p F F
Product ID	1SDA067021R1
EAN	8015644009274
Catalog Description	XT2N 160 TMD 1,6-16 4p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 1,6-16 A

### ABB EcoSolutions

ABB EcoSolutions	Yes
------------------	-----

### Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2348
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

**Eco Transparency**

Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
---	------------------------------------

**Environmental**

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	cf5bf376-2293-44e8-a57c-a2f9ea7c7feb Italy (IT)
Simplified SCIP	38cd155a-5d8e-4895-ab6d-64fa2c45b878 Germany (DE) 2dd0489c-a844-4d36-9196-a39c6f39dbfa France (FR) d9f1d04a-c8b4-45f8-bb7c-f254c020b52e Poland (PL) 6d4ef2f3-d04d-46b7-969c-0463f668fa15 Norway (NO) 30047cab-a393-41de-8d6e-2e46bf03c85d Finland (FI) 988fd1fe-4971-444f-acc9-1dd96b422706 Netherlands (NL) 0397ef41-ee00-4ae2-962d-51e0aad6a953 Germany (DE) b03dc587-06da-4540-b7c4-34ca165647e2 Denmark (DK) b153a338-1c72-47fe-8e1c-774c7b0c23cd Germany (DE) b1710c03-6e72-4176-9fb8-144321ab6e2c Croatia (HR) 88691ee4-9d0e-4d28-be0a-fa85bae9a76d Czech Republic (CZ) 9807397d-f437-4f80-83de-330238cd8486 Poland (PL) 4fda835f-5590-47b9-982f-1321c252e2a5 Netherlands (NL) 67accdbd-e1f1-4e3e-84c0-61c91f593e72 Netherlands (NL) d6985828-35fd-4d24-be9c-4786600cfb9b Estonia (EE) b88f59df-98d4-4eea-ac99-62d6093232c2 Greece (GR) 9d26aa6c-67b8-4b27-a3f5-10da1bde79f0 Portugal (PT) 0619d82e-2403-4e1a-9d2a-718534227541 Bulgaria (BG) 106105fb-fa3b-4323-a1ab-93e5f606bdd7 Sweden (SE) e6da92a6-8917-4100-9ffb-8c33ab35c507 Poland (PL) 0929d874-2a15-468b-b302-59d7d93e141c Sweden (SE) bda2acf8-0d89-4aed-840b-086542664ab4 Germany (DE) c9ef5803-9112-4790-ba4a-8755e3593536 Germany (DE) 6195c976-ef00-4728-98b0-ec15934e370d France (FR) 3718c416-81df-4961-ad87-5e55eeacf486 Netherlands (NL) 66dc33c0-7c01-45b7-b336-0475ade8bc60 Spain (ES) 7b814aed-0687-4eb1-8411-9721ef39d67f Netherlands (NL)

**Ordering**

Order Code US and Canada	XT2NE4001AFF000XXX
EAN	8015644009274
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	120 mm
-------------------	--------

Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.45 kg

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm
Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.55 kg
Package Level 1 EAN	8015644009274

### Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 32.5..100 mm <sup>2</sup>
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	4
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 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I <sub>n</sub> )	1.6 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> )	16 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) 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) 20 kA (690 V AC) 10 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 <sub>cu</sub> )	(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) 20 kA (690 V AC) 10 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
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	1.12...1.6 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1002

### Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5901
GL Certificate	1SDL000163R0093
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0001

### Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	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

---

## Categories

---

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

