

PRODUCT-DETAILS

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

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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
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 58.1 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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	9AKK108468A1891
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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	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 ²
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_n)	1.6 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)	16 A
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(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_{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) 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_u)	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	IEC
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

