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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2348
Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
Extended Product Lifetime	Product Modularity
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

© 2025 ABB. All rights reserved.

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	cf5bf376-2293-44e8-a57c-a2f9ea7c7feb Italy
Simplified SCIP	38cd155a-5d8e-4895-ab6d-64fa2c45b878 Germany 2dd0489c-a844-4d36-9196-a39c6f39dbfa France d9f1d04a-c8b4-45f8-bb7c-f254c020b52e Poland 6d4ef2f3-d04d-46b7-969c-0463f668fa15 Norway 30047cab-a393-41de-8d6e-2e46bf03c85d Finland 988fd1fe-4971-444f-acc9-1dd96b422706 Netherlands 0397ef41-ee00-4ae2-962d-51e0aad6a953 Germany b03dc587-06da-4540-b7c4-34ca165647e2 Denmark b153a338-1c72-47fe-8e1c-774c7b0c23cd Germany b1710c03-6e72-4176-9fb8-144321ab6e2c Croatia 88691ee4-9d0e-4d28-be0a-fa85bae9a76d Czech Republic 9807397d-f437-4f80-83de-330238cd8486 Poland 4fda835f-5590-47b9-982f-1321c252e2a5 Netherlands 67accdbd-e1f1-4e3e-84c0-61c91f593e72 Netherlands d6985828-35fd-4d24-be9c-4786600cfb9b Estonia b88f59df-98d4-4eea-ac99-62d6093232c2 Greece 9d26aa6c-67b8-4b27-a3f5-10da1bde79f0 Portugal 0619d82e-2403-4e1a-9d2a-718534227541 Bulgaria 106105fb-fa3b-4323-a1ab-93e5f606bdd7 Sweden e6da92a6-8917-4100-9ffb-8c33ab35c507 Poland 0929d874-2a15-468b-b302-59d7d93e141c Sweden bda2acf8-0d89-4aed-840b-086542664ab4 Germany c9ef5803-9112-4790-ba4a-8755e3593536 Germany 6195c976-ef00-4728-98b0-ec15934e370d France 3718c416-81df-4961-ad87-5e55eeacf486 Netherlands 66dc33c0-7c01-45b7-b336-0475ade8bc60 Spain 7b814aed-0687-4eb1-8411-9721ef39d67f Netherlands

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE4001AFF000XXX
E-Number (Norway)	4309726
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

© 2025 ABB. All rights reserved.

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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH002230A1002

Technical

Connecting Capacity Main Circuit	Busbar 32.5..100 mm²
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	4P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 2 W
Rated Current (I_n)	1.6 A
Rated Frequency (f)	50 / 60 Hz
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

© 2025 ABB. All rights reserved.

Rated Uninterrupted Current (I_u)	160 A
Rated Voltage (U_r)	690 V
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

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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

© 2025 ABB. All rights reserved.







© 2025 ABB. All rights reserved.