



PRODUCT-DETAILS

XT3N 250 TMD 100-1000 4p F F

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General Information	
Extended Product Type	XT3N 250 TMD 100-1000 4p F F
Product ID	1SDA068062R1
EAN	8015644019631
Catalog Description	XT3N 250 TMD 100-1000 4p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 100-1000 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2350
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	9AKK108468A2294
	9AKK108468A7794

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	a4196b59-5f9d-4e84-9f48-c88549ca307e Italy (IT)
Simplified SCIP	7343ce18-5488-4bcb-b420-890e0eea80c1 Germany (DE) 9c94e115-8d13-4311-8104-e8d72c2ccaf7 Poland (PL) d7259335-9921-4745-8018-f447407bc9f1 France (FR) 82dd661e-9823-447d-9225-58a994c0d4f1 Germany (DE) 145af173-d16c-4e32-ada8-2c6af8f1e166 France (FR) cbf6be7e-aa92-4055-ad38-da29b52088f5 Netherlands (NL) 8c419842-1c43-4f48-beaa-87dde133dd85 Spain (ES) f7897c5e-4b26-497e-a142-58ce871e5bf2 Netherlands (NL) 4a3f777f-f823-45ca-8d27-e8b681cc288d Germany (DE) da078ed2-0cce-4a58-8cea-d0247c2fe93c Sweden (SE) 54353e17-eb0f-450a-8ae9-878dd400cd8b Germany (DE) cc9a9bde-fa00-48df-a8b5-51201090fdf4 Croatia (HR) bc46b8c0-142e-4998-981a-e2833cc6b5ce Poland (PL) a3b2745f-f41c-466e-9ec6-5826c2a832d2 Norway (NO) b9c04f6f-25e6-4ad6-ab45-a43d353649d3 Finland (FI) 62692d48-0fc3-4e8e-9f87-901377653109 Netherlands (NL) 1d353a1d-eefa-4866-9dd9-7d12e56bfa10 Germany (DE) 1ec657a4-3a8c-4393-a650-5715ceeff431 Netherlands (NL) d46dda15-2ca8-481e-ab19-8e4bdfb66c8d Czech Republic (CZ) 38aa2b10-18fe-48cf-aec4-2404b34a46fc Poland (PL) efead7db-85ba-4535-92c8-d9293ad41639 Netherlands (NL) a02ec791-b15a-445e-bb49-f4e44a857153 Estonia (EE) c2d1d18b-4b8d-4572-b29f-43f4a8a00050 Greece (GR) 8315a52a-ceb1-4d7e-98ff-f6c5b051173d Portugal (PT) c9b6e379-0d54-47e4-87e8-1681437434cf Bulgaria (BG) f7a5cd1f-7919-4633-87d0-b9b66d2a4221 Sweden (SE) 88118757-e753-468b-89aa-baa6ab0adc70 Denmark (DK)

Ordering

Order Code US and Canada	XT3NE4100AFF000XXX
E-Number (Finland)	3641007
EAN	8015644019631
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	140 mm
Product Net Height	150 mm
Product Net Depth / Length	70 mm
Product Net Weight	2.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	155 mm
Package Level 1 Height	190 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Gross Weight	2.1 kg
Package Level 1 EAN	8015644019631

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..192 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 5.6 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
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) 37.5 kA (230 V AC) 37.5 kA (240 V AC) 37.5 kA (380 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 18.75 kA (500 V AC) 15 kA (525 V AC) 9.75 kA (690 V AC) 3.75 kA

	(250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(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) 25 kA (500 V AC) 20 kA (525 V AC) 13 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u)	250 A
Recommended Screw Driver	Main Circuit M8
Release	TMD
Release Type	TM
Setting Range	70...100 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT3
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0483

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5530
GL Certificate	1SDL000163R0094
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000720R0100
Mechanical Drawings	1SDH000720R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000720R0001

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

