



PRODUCT-DETAILS

XT4N 250 TMA 250-2500 3p F F

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General Information	
Extended Product Type	XT4N 250 TMA 250-2500 3p F F
Product ID	1SDA068092R1
EAN	8015644695835
Catalog Description	XT4N 250 TMA 250-2500 3p F F
Long Description	C.BREAKER TMAX XT4N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.30 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2351
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	9AKK108469A1857
	9AKK108468A1892

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	38e6bbd3-f6a2-4bae-953c-df2cb6f51486 Italy (IT)
Simplified SCIP	35099278-07bf-4c3c-9ea0-29ec426de401 Germany (DE) 7d9e2a35-12f2-4631-9056-4f8d563fb73b Netherlands (NL) 869abbce-8298-405e-99b7-f8136540a90e Germany (DE) ada23c35-a386-495e-9c5e-5518b5b5439c Sweden (SE) a8f1f742-49e1-4636-a082-f8d88b2828f4 Denmark (DK) 60bdc153-558b-4254-bcb3-df5a272720f3 Germany (DE) 558543de-ab60-40fc-a179-3afa41ca58a9 Poland (PL) 0809ba82-3d29-43c1-be69-7f48153a1e5f Norway (NO) f1024a44-a324-4f63-a15b-db263d19fe6a Finland (FI) e2982b7c-b232-4fe6-abba-f159359e8ba4 Netherlands (NL) 166b506a-0465-464b-a40f-e2e407667ff8 Croatia (HR) be83126a-40de-4a94-a991-83484ae53588 Czech Republic (CZ) ed3aaa4e-f7ed-4ff5-9091-5b9bbf64baff Poland (PL) e31aa327-8751-4220-acf8-ac2ad2dce84f Netherlands (NL) 06015e66-7c59-4494-87f8-823390710a41 Estonia (EE) 7f23468b-ed2d-4492-8884-4cb7e517ff35 Greece (GR) bb961d53-be35-4a85-a28a-0f094663aa25 Portugal (PT) 2ad8ee10-39fd-43c8-97e9-21ddc85c68b1 Bulgaria (BG) f706cd52-7cec-47a5-8c17-2d234dc42e12 Sweden (SE) 37ca9589-c1dd-4b56-a346-05bd14e3d7ec Poland (PL) 13a61ffb-ee56-4476-b282-b9b55b0b4e02 France (FR) 1b81910e-4ffe-4f91-afdc-4cad62210fbc Germany (DE) 1de3d507-9595-474b-a1c4-bf68d8021cf2 Germany (DE) f9d6fac9-e0fb-4bf4-ae31-b57c219ae214 France (FR) d6228547-f0c9-4de2-a7df-0e30481009f7 Netherlands (NL) 4394969b-7d81-47f8-b5d6-f892ff9a0635 Spain (ES) 02cd8281-7560-410c-acae-070a9dbc1bb9 Netherlands (NL)

Ordering

Order Code US and Canada	XT4NE3250BFF000XXX
E-Number (Finland)	3638621
EAN	8015644695835
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	160 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.252 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	151 mm
Package Level 1 Height	214 mm
Package Level 1 Depth / Length	171 mm
Package Level 1 Gross Weight	2.38 kg
Package Level 1 EAN	8015644695835

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..200 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	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 16.44 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	250 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)	1250...2500 A
Rated Insulation Voltage (U _i)	1000 V
Rated Operational Voltage	690 V AC 750 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) 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) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	250 A
Recommended Screw Driver	Main Circuit M8
Release	TMA
Release Type	TM
RoHS Date	NA
Setting Range	175...250 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT4
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1003

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5529
GL Certificate	1SDL000163R0095
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000722R0100
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0001

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

