



PRODUCT-DETAILS

XT3N 250 TMG 250-750 4p F F InN=100%

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General Information	
Extended Product Type	XT3N 250 TMG 250-750 4p F F InN=100%
Product ID	1SDA068264R1
EAN	8015644021702
Catalog Description	XT3N 250 TMG 250-750 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 250-750 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes
ABB Site Meeting Group	UL 2799 Zero Waste To Landfill Validation available
Waste To Landfill Target	
End Of Life Disassembling Instructions	9AKK108468A2350
Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 56.6 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	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	58c1691f-5950-4800-8432-d823dbb13c40 Italy (IT)
Simplified SCIP	ec450b08-4459-4e09-b18e-98c63a6fee38 Norway (NO) 7429fdb7-318c-4dac-9546-f1554beac257 Germany (DE) 60243623-6d41-4d85-918f-16f1c29a008b France (FR) 0bba00c5-28d9-44ce-bdb5-d27bcf31989b Spain (ES) 0f3854d3-294f-44d6-ba6e-51d6a094a671 Belgium (BE) eac3921a-79f8-4447-b905-5c77d5a8e045 Czech Republic (CZ) 4ebddaee-a5f6-4ec4-907b-7049164ecf13 Germany (DE) d46f94d7-4d17-4576-b7a9-752a19352dc6 Croatia (HR) c64e1220-1b58-464f-99ee-d4d3536be958 Germany (DE) cfff04d-9205-4f14-ae76-54420035443f Sweden (SE) 86bba9d6-24fc-425f-90b9-6332aaa855ce Germany (DE) 1606a74c-91e4-44f7-a7c2-18d2b8f21a5c Germany (DE) dccf5c17-e20e-4b3b-9bf6-4a467f6b67af Portugal (PT) 40579471-a819-46e9-9d9a-45acf9097ca5 Denmark (DK) a900f478-3772-48a3-8856-804148be2a43 Greece (GR) e1d84a66-8154-4d8d-a2d8-9d79d2a4caa8 France (FR) ee82ea8f-9fe2-4949-9f8b-a5e3e7009ebe Belgium (BE) 9902e1ec-03fe-444b-b824-5dc7a9b0504c Estonia (EE) 81f84f59-e7ba-4136-8f2f-467db35a58f5 Poland (PL) c7b243f0-6f25-43bd-b517-2ff58b6e538e Hungary (HU) 84fe0ed9-5750-46ee-9591-bb601a7c6934 Finland (FI) c015c95d-1adc-43b5-878a-d91ae664ff1f Netherlands (NL) 170942e1-2d2c-4650-bf23-c0c92babf49d Sweden (SE) 6e65d9dd-1fd4-4e3a-88f1-cbddaccc0262 Poland (PL) 6bff51e0-c8cd-4252-bf0b-b3902fb906f5 Bulgaria (BG) 397fb237-e327-4c01-9bdd-dbf74627784e Poland (PL) a9798086-2725-4e98-94fc-0022a74633ee Hungary (HU)

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT3NE4250NFF000XXX
E-Number (Norway)	4379843
EAN	8015644021702
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	2.25 kg
Package Level 1 EAN	8015644021702

Additional Information

Circuit Breaker Type to be Associated	Generator Protection
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001295R0483

Technical

Connecting Capacity Main Circuit	Busbar 85..192 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 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 17.8 W
Rated Current (I _n)	250 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	750 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) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 27 kA (415 V AC) 36 kA (440 V AC) 19 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) 36 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
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M8
Release	TMG
Release Type	TM
Setting Range	175...250 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT3
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m

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

External Classifications and Standards

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

