



PRODUCT-DETAILS

XT3N 250 TMG 250-750 3p F F

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General Information	
Extended Product Type	XT3N 250 TMG 250-750 3p F F
Product ID	1SDA068257R1
EAN	8015644021634
Catalog Description	XT3N 250 TMG 250-750 3p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 250-750 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	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	a0036b54-7cee-4a96-a7ba-eb399a0810f6 Italy (IT)
Simplified SCIP	10630e92-a496-464d-8e77-b6c8bb2fc9cf Germany (DE) 5f3014b9-b014-4e17-bcc4-cc54ea4dc2a8 Czech Republic (CZ) 4aaa03d9-bd2a-42c6-ac2e-583580db7b1a Poland (PL) 944efcd8-e4e6-47f7-b597-01a717eba4bb Netherlands (NL) fe4c7d41-1aab-4164-b370-8e49c4265128 Netherlands (NL) 729d6b70-69b1-4180-949b-c483e30313c9 Estonia (EE) 799c8041-565e-426c-a879-048b374dfbc5 Greece (GR) 71903b8e-6719-4f52-8539-28f447f8221b Portugal (PT) f8c702c9-a478-4876-921c-a42026d9f71d Norway (NO) 88e60a3b-404c-4ffa-8b24-64f30051566e Finland (FI) fba12ddd-74ca-43f6-8e29-ed58c7a834e0 Netherlands (NL) 6e86db87-09d9-4735-9d08-f022eb238c21 Germany (DE) d17bab7c-69d3-407f-966f-adb1b80307a5 Denmark (DK) 1389a119-7539-46f5-80f6-142a4129a121 Germany (DE) bffb65c-c1f8-49b1-b60e-d216d3ee722a Croatia (HR) 7c033645-9783-454b-b52d-af4582e54143 France (FR) f5458c5e-98a1-4947-98f5-37955ffe69c7 Sweden (SE) f7018607-ef0c-4e0d-a4d0-c313ae0ed9f2 Germany (DE) 6d3e2d63-e003-46ca-b595-0a713aad5bfb Germany (DE) 98d2c9e9-4c2b-4511-a6ba-70501d3275cd France (FR) 0ed82c66-8a01-4816-b0ac-5819fcef744 Netherlands (NL) ed0532bd-659c-4ecd-bc60-276930a3fc2c Spain (ES) eb7e1eb6-9b74-429c-90da-3dc15a329c5f Netherlands (NL) 9178d819-ec94-4725-9dde-3baf4d0f2437 Poland (PL) e38e5e26-95a0-4ae7-9ade-cfb78f6a5a5c Bulgaria (BG) b29c3497-cfcd-4d90-8b8f-bd164ee47dbc Sweden (SE) 03fe4a1f-c272-477e-a02d-365fa99bbe6e Poland (PL)

Environmental	
Environmental Information	9AKK108467A6707

Ordering	
Order Code US and Canada	XT3NE3250NFF000XXX
E-Number (Norway)	4379795
EAN	8015644021634
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions	
Product Net Width	105 mm
Product Net Height	150 mm
Product Net Depth / Length	70 mm

Product Net Weight	1.7 kg
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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	1.7 kg
Package Level 1 EAN	8015644021634

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	1SDH001295R0409

Technical

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	3P
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

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(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
	(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)

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

