



PRODUCT-DETAILS

XT3N 250 TMG 100-400 4p F F

XT3N 250 TMG 100-400 4p F F



General Information	
Extended Product Type	XT3N 250 TMG 100-400 4p F F
Product ID	1SDA068260R1
EAN	8015644021665
Catalog Description	XT3N 250 TMG 100-400 4p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 100-400 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	8ff642bd-8529-489c-8ec6-fee5da8926d4 Italy (IT)
Simplified SCIP	37921df0-f0b7-4ad7-a705-3d82ba185b0f Germany (DE) be82d1b0-b0d1-442b-a43a-60f36d9e62bb France (FR) 62286202-287e-49cf-95f5-4db1c0e049f2 Sweden (SE) 4f20ab42-f92e-4991-a6ff-c3b84149d0df Germany (DE) fcd90d28-4ab6-4c1b-803c-06af9d2f1a8d Germany (DE) 7a69fa5f-fbf8-43cd-a3ca-6a0c617a9070 France (FR) a16b7dcb-ccf4-4d5d-bd0c-b2431ae24c04 Netherlands (NL) e6bf3b9a-a8f2-4501-b5e0-48ca94f98e84 Spain (ES) 2d0f9820-ab22-45cb-a5e2-8c30d2e498c6 Netherlands (NL) 02b073ca-c409-43c5-b655-cadf6b32563a Poland (PL) 47c33c19-7466-480b-9ad8-b7fdea71390f Norway (NO) c00e9d99-7100-4b7f-8937-b7fc005f7822 Finland (FI) 5227fd0c-5a76-4145-a825-0ff342f0e34e Netherlands (NL) a5ce1512-f377-40ee-ba59-3d5bd63ac0d4 Germany (DE) e42020f9-fe9f-43a7-bb97-bdaa5b807a27 Denmark (DK) 682a8870-e09d-4f39-9856-786cf749b6bf Germany (DE) c7a95cd3-74bb-47bd-b6e8-8168ba06f665 Croatia (HR) 8e0a6859-2b8c-473a-861e-c8f49cb8dc62 Czech Republic (CZ) e3d8582d-e7ad-4613-b9d3-0fe69ce469e9 Poland (PL) db774134-3511-44b5-bcc4-1dac9fcbe0a7 Netherlands (NL) 831ee942-e7ed-410e-a8cf-00c61008850a Netherlands (NL) 309771e4-93c9-4d48-8189-549d22ff9662 Estonia (EE) 947466eb-8b98-473e-a993-102a0ef03c40 Greece (GR) 39202de0-25c9-4c7c-868c-d5fa4e758097 Portugal (PT) 94a4cf40-7fb9-49fc-96a0-9870cd45bba7 Bulgaria (BG) 8b7b8624-36a4-4400-963e-7f1b2c6a8dbb Sweden (SE) 89adf6a7-a3c4-4912-8eed-febaf0268774 Poland (PL)

Environmental

Environmental Information	9AKK108467A6707
---------------------------	-----------------

Ordering

Order Code US and Canada	XT3NE4100NFF000XXX
E-Number (Norway)	4379839
EAN	8015644021665
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	8015644021665

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 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	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 5.6 W
Rated Current (I _N)	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	400 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	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

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

