



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

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
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**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	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-bcc4-1dac9fcb0a7 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)

**Ordering**

Order Code US and Canada	XT3NE4100NFF000XXX
EAN	8015644021665
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	140 mm
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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
Connecting Capacity Main Circuit	Busbar 85..192 mm <sup>2</sup>
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 <sub>n</sub> )	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	400 A
Rated Insulation Voltage (U <sub>i</sub> )	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cu</sub> )	(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 <sub>u</sub> )	250 A
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
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

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## Categories

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

