



PRODUCT-DETAILS

XT3N 250 TMD 250-2500 4p F F InN=100%

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General Information	
Extended Product Type	XT3N 250 TMD 250-2500 4p F F InN=100%
Product ID	1SDA068070R1
EAN	8015644019716
Catalog Description	XT3N 250 TMD 250-2500 4p F F InN=100%
Long Description	C.BREAKER TMAX XT3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
Recyclability Rate	
End of Life Instructions	9AKK108468A2350
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Eco Transparency	
Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794

Environmental	
Environmental Information	9AKK108467A6707

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	4bf096d9-e0fb-41ce-9dab-01143bc6aed0 Italy (IT)
Simplified SCIP	f122247f-3237-4c76-972d-808b882f9788 Germany (DE) 1f6795c1-9452-48f9-9d9a-f30ef9077f03 Spain (ES) b2452708-7dc6-4407-9cd2-85d23e158939 Netherlands (NL) cd120aec-54c5-4212-b458-6ac579d978f8 Netherlands (NL) 2010a811-d716-409f-8aa2-8c7dbaa7435e Germany (DE) 1df91a01-99c8-4fd4-9dd0-fd8633acf4dc Sweden (SE) 90e4f520-59d4-4837-b216-33abd64db25b Denmark (DK) 36f60159-a0f7-43ae-82ce-c05caa318767 Germany (DE) 3622c1af-6fb2-4105-a42f-ff7cf0cdd098 Poland (PL) 17df639b-1ddf-4990-b85a-b611ac0056b8 Norway (NO) 5c33c800-07e4-4dc9-a45b-a654c38bdcca Finland (FI) 578c2271-385e-47d4-96c2-78f0b62cd407 Netherlands (NL) 42f5d41d-9472-4bcb-af56-b4f5f0adb9f9 Croatia (HR) 17225d7a-362a-4551-ba19-a94719ff5cbc Czech Republic (CZ) ed0f2646-c591-4aa9-83ed-0341adcfcb9c Poland (PL) 0e3da230-1e90-44e5-810f-5ae4d4a053d7 Netherlands (NL) 91d082ac-941d-45ed-8bfd-30f694256596 Estonia (EE) 2b0f6517-2b81-4d17-9235-052143f7e69d Greece (GR) 230cead5-c984-438e-833a-fa9f9a190913 Portugal (PT) 734c1740-92a6-476b-8ab4-471386ae21a4 Bulgaria (BG) 9de1a02e-815c-4e49-b0ce-16ab721c88e0 Sweden (SE) fdc9bfb7-1a5d-4026-8b82-a30c8c268ca7 Poland (PL) 86a701a4-5c49-4380-8b8a-1b53639cfd80 France (FR) 07da6dbe-40d9-4768-8eae-6b1fc5ae9a5a Germany (DE) cb0986c3-7523-4eab-bacc-2d2b0ce88e8d Germany (DE) ccbae2bd-88cc-42e1-a604-4b09aaa05639 France (FR) f463799e-670e-49d3-8d9d-9d5d23697f1b Netherlands (NL)

Ordering	
Order Code US and Canada	XT3NE4250AFF000XXX
E-Number (Sweden)	3182424
EAN	8015644019716
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
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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	2.214 kg
Package Level 1 EAN	8015644019716

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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	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 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 _f)	2500 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	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA

(I _{cu})	(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	TMD
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

Classifications

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

