



PRODUCT-DETAILS

XT3N 250 TMD 125-1250 3p F F

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360°

General Information	
Extended Product Type	XT3N 250 TMD 125-1250 3p F F
Product ID	1SDA068056R1
EAN	8015644019273
Catalog Description	XT3N 250 TMD 125-1250 3p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
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 060c77d0-4139-433d-8c4f-d88fed44fc2e Italy (IT)
Simplified SCIP 45b855f8-b376-4f76-b2bc-39edd8f0d14b Germany (DE)
4cbaf6e3-a5eb-489d-87ef-be4d181bba1f Germany (DE)
f4813ee8-4bd9-4710-8ff1-8d585c08669f Sweden (SE)
6af48308-c890-4b2f-ad9e-0afa20ced15f Germany (DE)
126e5ef6-17ae-46de-a9b7-9c1853c29cdf Croatia (HR)
15f21779-11f3-4f57-92e9-f37f6483083e Poland (PL)
7b480bd1-c869-4c52-bea3-4a19080c72ed Norway (NO)
25c5d0c6-03f0-4059-bf42-b4378710a580 Finland (FI)
64a714a6-7109-48df-a95b-492398066c81 Netherlands (NL)
26082a9a-c241-4d79-932e-0e7c89c4e58b Germany (DE)
1b1be860-0d28-498d-b281-1b2ce33735d8 Netherlands (NL)
167d7bb7e-a9f8-4490-a102-6c4dd7c1b630 Czech Republic (CZ)
6f5df75c-cad7-4d20-b825-45766f246b0d Poland (PL)
a4d437ea-7592-46d1-bd07-7a63e34a6e4b Poland (PL)
ff6419d3-fd83-41cf-ad8d-e5381c63e5ec France (FR)
025d5208-4f7c-4312-a9a3-743c2d22343a Germany (DE)
983587e3-b4cf-4f62-82e6-3ae9c503a14d Netherlands (NL)
beeb293b-bedc-486d-9f3f-a661b1df9ff5 Estonia (EE)
03cc8dc5-f6aa-43b2-9bb7-0c2f98dd2546 Greece (GR)
c62f0a68-0fd8-4064-9775-b15cd3ca285d Portugal (PT)
a535e04b-4062-4c86-a26d-84fbd430ddd9 Bulgaria (BG)
3f53a480-95b2-4557-8dfe-27ac194e8d36 Sweden (SE)
0bbb0b9d-f39f-460a-bdb6-f315bfb6e89c Denmark (DK)
5054a3ed-3e76-43c2-8f4e-8aa9338abba4 France (FR)
cafb9e83-2c21-4eb9-8fe2-1f91ff9cc802 Netherlands (NL)
6ce247f6-29d5-45a3-bb60-66f86d971b82 Spain (ES)
75002095-85e4-4711-8c65-cecf9b6bd794 Netherlands (NL)

Ordering

Order Code US and Canada XT3NE3125AFF000XXX
EAN 8015644019273
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

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	1.716 kg
Package Level 1 EAN	8015644019273

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE Tmax XT
Product Name	Leistungsschalter
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	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 6.6 W
Rated Current (I _n)	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	1250 A
Rated Insulation Voltage (U _i)	800 V
Rated Operational	690 V AC

Voltage	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	TMD
Release Type	TM
Setting Range	87.5...125 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

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection	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



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