



PRODUCT-DETAILS

XT1N 160 TMD 125-1250 3p F F

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General Information	
Extended Product Type	XT1N 160 TMD 125-1250 3p F F
Product ID	1SDA067417R1
EAN	8015644013110
Catalog Description	XT1N 160 TMD 125-1250 3p F F
Long Description	C.BREAKER TMAX XT1N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Principles Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2347
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target	
Toxic Substances	9AKK108467A8326
Control Act - TSCA	

Eco Transparency

Environmental Product	9AKK108468A1890
Declaration - EPD	9AKK108468A7793

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	a017b995-7677-4032-97d0-70955e42da44 Italy (IT)
Simplified SCIP	1016c0d9-6b2f-4541-9731-ae5e514b612c Poland (PL) edbc41b2-977e-4e62-bf57-c577ff37b752 Norway (NO) 8fc64a28-bf02-4bab-816f-7f1ea8cfd665 Finland (FI) 43a45886-4e27-4a3e-ac1b-8b1e0104ca73 Netherlands (NL) 4fcbf66a-4b6b-46af-ac6f-59cb9aa340de Germany (DE) 9e0ae2d2-e0b9-4228-be20-f5c865206c7c Denmark (DK) 20885196-3e38-4106-9f6c-8d28627c13b2 Germany (DE) 343aaf43-b98c-4a34-9ed6-a9b69238da5b Germany (DE) 2c159a70-312e-4644-b3d1-94e378e10a86 Germany (DE) 809033fa-336d-4222-bc6d-effdad3dc5cf France (FR) 2aeb223c-861a-44a1-a400-158a4cdeb813 Croatia (HR) 22571705-23bb-4a04-b01e-c24dd2ed0c42 Czech Republic (CZ) b2a78f6a-a79e-40fa-a74c-1288ca44ffc3 Poland (PL) 1237e344-5721-4e92-ba26-495240e92ab2 Netherlands (NL) afa7cc49-fb95-4dcf-b06f-b5ca40347ffd Netherlands (NL) a80945a7-a1d7-4591-a902-0d7f35f16fdf Estonia (EE) e85dc33f-4046-4d61-a81c-b669d5302bcc Greece (GR) 996e3faf-cb89-42ac-936a-470cbacce407 Portugal (PT) 343aaf43-b98c-4a34-9ed6-a9b69238da5b Germany (DE) 2c159a70-312e-4644-b3d1-94e378e10a86 Germany (DE) 809033fa-336d-4222-bc6d-effdad3dc5cf France (FR) 0444e024-95d5-44cc-bb85-a31adfd5c119 Netherlands (NL) ee5df21b-fa7d-489e-a92d-46638bb22341 Spain (ES) 446e2120-ac60-44e4-aae9-f4f832038592 Netherlands (NL) de89bfae-43b5-4256-924a-7387070e4c4f Bulgaria (BG) 8c45bbc7-0bae-4794-b9f3-2952b5b9fe76 Sweden (SE) 446e2120-ac60-44e4-aae9-f4f832038592 Netherlands (NL) b24cbc91-fe23-4da5-8766-52ace4f2b836 Poland (PL) dbfc548b-8fe0-4a7b-9c71-47814e8b77cf France (FR) 3155e223-d2f5-457b-ad5a-bf70d2814bc8 Sweden (SE) 0444e024-95d5-44cc-bb85-a31adfd5c119 Netherlands (NL) ee5df21b-fa7d-489e-a92d-46638bb22341 Spain (ES) 1016c0d9-6b2f-4541-9731-ae5e514b612c Poland (PL) edbc41b2-977e-4e62-bf57-c577ff37b752 Norway (NO) 8c45bbc7-0bae-4794-b9f3-2952b5b9fe76 Sweden (SE) b24cbc91-fe23-4da5-8766-52ace4f2b836 Poland (PL) dbfc548b-8fe0-4a7b-9c71-47814e8b77cf France (FR) 3155e223-d2f5-457b-ad5a-bf70d2814bc8 Sweden (SE) 8fc64a28-bf02-4bab-816f-7f1ea8cfd665 Finland (FI) 43a45886-4e27-4a3e-ac1b-8b1e0104ca73 Netherlands (NL) 4fcbf66a-4b6b-46af-ac6f-59cb9aa340de Germany (DE) 9e0ae2d2-e0b9-4228-be20-f5c865206c7c Denmark (DK) 20885196-3e38-4106-9f6c-8d28627c13b2 Germany (DE) 2aeb223c-861a-44a1-a400-158a4cdeb813 Croatia (HR) 22571705-23bb-4a04-b01e-c24dd2ed0c42 Czech Republic (CZ) b2a78f6a-a79e-40fa-a74c-1288ca44ffc3 Poland (PL) 1237e344-5721-4e92-ba26-495240e92ab2 Netherlands (NL) afa7cc49-fb95-4dcf-b06f-b5ca40347ffd Netherlands (NL)

a80945a7-a1d7-4591-a902-0d7f35f16fdf Estonia (EE)
e85dc33f-4046-4d61-a81c-b669d5302bcc Greece (GR)
996e3faf-cb89-42ac-936a-470cbacce407 Portugal (PT)
de89bfae-43b5-4256-924a-7387070e4c4f Bulgaria (BG)

Ordering

E-Number (Finland)	3640520
E-Number (Sweden)	3182428
EAN	8015644013110
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	128 mm
Package Level 1 Height	135 mm
Package Level 1 Depth / Length	143 mm
Package Level 1 Gross Weight	1.141 kg
Package Level 1 EAN	8015644013110

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 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 10.7 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _N)	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U _r)	690 V
Rated Impulse	8 kV

Withstand Voltage (U _{imp})	
Rated Instantaneous Short-Circuit Current Setting (I _i)	1250 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) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
RoHS Date	NA
Setting Range	87.5...125 A
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0008

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
GL Certificate	1SDL000163R0103
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed

VDE Certificate	No certification needed
Dimension Diagram	1SDH000719R0100
Mechanical Drawings	1SDH000719R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000719R0001

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

Categories

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

