



PRODUCT-DETAILS

XT1C 160 TMD 125-1250 4p F F InN=100%

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General Information	
Extended Product Type	XT1C 160 TMD 125-1250 4p F F InN=100%
Product ID	1SDA067409R1
EAN	8015644013035
Catalog Description	XT1C 160 TMD 125-1250 4p F F InN=100%
Long Description	C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2347

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	9AKK108468A1890 9AKK108468A7793
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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	6ea77752-e31b-4792-9bfe-726b67dc1ba6 Italy (IT)
Simplified SCIP	61e0b6b0-8cee-41fb-8be3-3dd73c01b1b1 Germany (DE) 1316216f-0b43-42df-9dce-7859cbe66ce2 Germany (DE) a8150c7f-2184-4645-8c28-a305ecba0ad2 Germany (DE) 8a483e73-d9cd-419d-b5af-e3f1922746ff France (FR) 0c0fa407-f270-4c35-a200-da4d6f0d4684 Netherlands (NL) 95284535-c09a-47c8-840f-ce36b6448ed9 Spain (ES) 491a9236-2ec8-4231-8c00-83cd96aeb0e Netherlands (NL) 745796cb-94a2-49a9-b2eb-4ba7bc26d9d2 Greece (GR) f9cd1aa0-501c-49bf-a40e-07f6171a768a Bulgaria (BG) c719e9b2-8fda-4d92-b294-8b4aeaea5251 Sweden (SE) ac4fadb6-28ef-40d3-9300-37b6fbfab32b Poland (PL) ef48be63-9f5e-46cf-a1cc-cb34670ca554 Norway (NO) 5cf4e330-e3ad-41d5-97e9-669161b7dc93 Finland (FI) 076b67d0-0c71-4fe0-9202-580386a67c80 Netherlands (NL) 4a8d54c7-2eb1-44d6-94c4-bc6bb7f592b5 Germany (DE) ef1acc5-aceb-4a68-992b-b582a34b951c Denmark (DK) 278860e8-aad5-4adf-9bd7-c498508986ae Germany (DE) a2f13fda-a0ff-49df-8958-fdc68bf9f921 Croatia (HR) 9a0a6d90-b389-42a4-8679-29308172688f Czech Republic (CZ) 7a6f2797-d060-4869-9320-cf1bbc9974d7 Poland (PL) 64990c92-2d25-430c-940d-d933d5da966b Netherlands (NL) 04108e0c-2e6d-47c0-80c2-616b443faef5 Netherlands (NL) 22ff4ecd-54a2-4fab-bda1-9a81460d51af Estonia (EE) c8b385bb-aa0b-449a-b5c1-4fa5d903b0b4 Portugal (PT) 4309bd6c-5a60-42c2-9b5c-8cd9357b8832 Poland (PL) e6183440-2246-49ee-bd5c-721f09bcf41b France (FR) 81067240-e5e2-4402-ab59-c7d391329330 Sweden (SE) 04108e0c-2e6d-47c0-80c2-616b443faef5 Netherlands (NL) 22ff4ecd-54a2-4fab-bda1-9a81460d51af Estonia (EE) 745796cb-94a2-49a9-b2eb-4ba7bc26d9d2 Greece (GR) c8b385bb-aa0b-449a-b5c1-4fa5d903b0b4 Portugal (PT) f9cd1aa0-501c-49bf-a40e-07f6171a768a Bulgaria (BG) c719e9b2-8fda-4d92-b294-8b4aeaea5251 Sweden (SE) 4a8d54c7-2eb1-44d6-94c4-bc6bb7f592b5 Germany (DE) ef1acc5-aceb-4a68-992b-b582a34b951c Denmark (DK) 278860e8-aad5-4adf-9bd7-c498508986ae Germany (DE) a2f13fda-a0ff-49df-8958-fdc68bf9f921 Croatia (HR) 9a0a6d90-b389-42a4-8679-29308172688f Czech Republic (CZ) 7a6f2797-d060-4869-9320-cf1bbc9974d7 Poland (PL) 64990c92-2d25-430c-940d-d933d5da966b Netherlands (NL) 491a9236-2ec8-4231-8c00-83cd96aeb0e Netherlands (NL) 0c0fa407-f270-4c35-a200-da4d6f0d4684 Netherlands (NL) 95284535-c09a-47c8-840f-ce36b6448ed9 Spain (ES) ac4fadb6-28ef-40d3-9300-37b6fbfab32b Poland (PL) ef48be63-9f5e-46cf-a1cc-cb34670ca554 Norway (NO) 5cf4e330-e3ad-41d5-97e9-669161b7dc93 Finland (FI) 076b67d0-0c71-4fe0-9202-580386a67c80 Netherlands (NL) 4309bd6c-5a60-42c2-9b5c-8cd9357b8832 Poland (PL) e6183440-2246-49ee-bd5c-721f09bcf41b France (FR) 81067240-e5e2-4402-ab59-c7d391329330 Sweden (SE) 1316216f-0b43-42df-9dce-7859cbe66ce2 Germany (DE) a8150c7f-2184-4645-8c28-a305ecba0ad2 Germany (DE) 8a483e73-d9cd-419d-b5af-e3f1922746ff France (FR)

Ordering	
Order Code US and Canada	XT1CE4125AFF000XXX
EAN	8015644013035
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions	
Product Net Width	101.6 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.4 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	1.448 kg
Package Level 1 EAN	8015644013035

Additional Information	
Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 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 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 Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_l)	1250 A
Rated Insulation Voltage (U_i)	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity	(220 V AC) 40 kA (230 V AC) 40 kA

(I _{cs})	(240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 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	C
Standards	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0080

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

