



PRODUCT-DETAILS

XT1C 160 TMD 125-1250 4p F F InN=50%

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General Information	
Extended Product Type	XT1C 160 TMD 125-1250 4p F F InN=50%
Product ID	1SDA067407R1
EAN	8015644013011
Catalog Description	XT1C 160 TMD 125-1250 4p F F InN=50%
Long Description	C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 A NEUTRAL = 50% PHASES

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

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	05207d49-01fe-4e04-a5a8-47a5a5c440b0 Italy (IT)
Simplified SCIP	5017a878-2b4a-44b3-8a12-2817680ecec9 Germany (DE) cf0d5744-010c-42af-b8aa-ec494287e24f Greece (GR) 405ad463-6854-4713-b640-23071d409280 Poland (PL) 47793828-e0f6-40ec-b7ba-f3995ed4de93 France (FR) 03f0ae91-ff84-497b-a0f8-a0a84717f8ad Sweden (SE) 067dbecc-4675-4982-b450-09ac3dc63bdc Finland (FI) 90cf16e6-f92b-4259-9d3a-e918bd50b15d Netherlands (NL) 35543780-7282-4520-b232-7ebb1aea9301 Germany (DE) ccc29993-3005-4585-a507-b35ec231eda2 Denmark (DK) 40864725-097e-4a48-9159-e07a135ef196 Germany (DE) c66fcda6-a7d3-4757-9621-49c6e36a6107 Croatia (HR) cfb91eaf-ee1d-4e22-9053-b718f438e810 Czech Republic (CZ) 0132121a-cf42-44a4-a47c-9d47f27546ef France (FR) 0625a853-67f3-4b46-b3ce-dfe1141ce997 Netherlands (NL) 1444177d-6e72-4151-954e-fefc873fc312 Spain (ES) f29d34ec-dbc8-4857-a485-a8831bc91201 Poland (PL) 4b70c0b9-53c1-4d9e-b175-6749afbc107e Portugal (PT) 7af71088-466b-4bd0-9a61-56644ebcf27e Bulgaria (BG) d4cf41d5-07e4-4252-8bc4-abef1ecf997b Sweden (SE) 405ad463-6854-4713-b640-23071d409280 Poland (PL) 47793828-e0f6-40ec-b7ba-f3995ed4de93 France (FR) 03f0ae91-ff84-497b-a0f8-a0a84717f8ad Sweden (SE) 91a81d42-3752-478e-ae6-25bfbcc875eb Norway (NO) 067dbecc-4675-4982-b450-09ac3dc63bdc Finland (FI) 90cf16e6-f92b-4259-9d3a-e918bd50b15d Netherlands (NL) 35543780-7282-4520-b232-7ebb1aea9301 Germany (DE) ccc29993-3005-4585-a507-b35ec231eda2 Denmark (DK) 40864725-097e-4a48-9159-e07a135ef196 Germany (DE) c66fcda6-a7d3-4757-9621-49c6e36a6107 Croatia (HR) cfb91eaf-ee1d-4e22-9053-b718f438e810 Czech Republic (CZ) 68de6ca0-a260-4564-8f3f-e6657ce3b2ee Poland (PL) a6263af1-d306-400b-b7d7-fc9ce861bea2 Netherlands (NL) 4bcaa42c-c926-4038-a727-b35960f0fb96 Netherlands (NL) b3fae45c-dac5-4ca5-a5b1-0306986bda03 Estonia (EE) 35fa603e-6e62-46d7-bc07-14f8a2135968 Germany (DE) 0132121a-cf42-44a4-a47c-9d47f27546ef France (FR) 0625a853-67f3-4b46-b3ce-dfe1141ce997 Netherlands (NL) 1444177d-6e72-4151-954e-fefc873fc312 Spain (ES) 3787363c-5c76-4cc0-a085-c8e90442febc Netherlands (NL) cf0d5744-010c-42af-b8aa-ec494287e24f Greece (GR) f29d34ec-dbc8-4857-a485-a8831bc91201 Poland (PL) 91a81d42-3752-478e-ae6-25bfbcc875eb Norway (NO) 68de6ca0-a260-4564-8f3f-e6657ce3b2ee Poland (PL) a6263af1-d306-400b-b7d7-fc9ce861bea2 Netherlands (NL) 4bcaa42c-c926-4038-a727-b35960f0fb96 Netherlands (NL)

b3fae45c-dac5-4ca5-a5b1-0306986bda03 Estonia (EE)
4b70c0b9-53c1-4d9e-b175-6749afbc107e Portugal (PT)
edac1432-f82f-4515-b9cf-0109215e6b52 Germany (DE)
edac1432-f82f-4515-b9cf-0109215e6b52 Germany (DE)
35fa603e-6e62-46d7-bc07-14f8a2135968 Germany (DE)
7af71088-466b-4bd0-9a61-56644ebcf27e Bulgaria (BG)
d4cf41d5-07e4-4252-8bc4-abef1ecf997b Sweden (SE)
3787363c-5c76-4cc0-a085-c8e90442febc Netherlands (NL)

Ordering

Order Code US and Canada	XT1CEN125AFF000XXX
E-Number (Finland)	3640510
EAN	8015644013011
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	1.452 kg
Package Level 1 EAN	8015644013011

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	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 _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) 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) 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
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

