

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
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**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 60.9 %
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

**Environmental**

Environmental Information	9AKK107991A8215 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	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) c66fcd6a-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-ae6-25bfbc875eb 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) c66fcd6a-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-c8e90442fbc Netherlands (NL) cf0d5744-010c-42af-b8aa-ec494287e24f Greece (GR) f29d34ec-dbc8-4857-a485-a8831bc91201 Poland (PL) 91a81d42-3752-478e-ae6-25bfbc875eb 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-c8e90442fbc 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 <sup>2</sup>
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 ( $I_s$ )	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	IEC
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

