



PRODUCT-DETAILS

XT1C 160 TMD 125-1250 3p F F

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360°

General Information	
Extended Product Type	XT1C 160 TMD 125-1250 3p F F
Product ID	1SDA067398R1
EAN	8015644012922
Catalog Description	XT1C 160 TMD 125-1250 3p F F
Long Description	C.BREAKER TMAX XT1C 160 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 - 55.9 %
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 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	04c3bfad-7e1c-429f-8614-00ca8b4c8246 Italy (IT)
Simplified SCIP	c980eb9d-c930-4207-be79-18998991e543 Germany (DE) 05fb5747-1f6a-4fcb-9a95-e2bdce382aac Finland (FI) c5611fb4-697a-488c-9338-65a1ac58eb95 Norway (NO) 23235400-6bd4-4005-9580-19e41cbbc1c5 France (FR) 0569b031-ea62-4cca-8a66-2a5b16c051db Netherlands (NL) 76b8a86b-345a-4f87-8d62-e34024531bb1 Netherlands (NL) 521705a5-2bef-44ad-81eb-960bc18a89de Germany (DE) cbc69345-80fd-4f24-b3e6-425db0c63237 Denmark (DK) b876a3e8-bbb3-4dbe-a7cf-512672b07ca8 Germany (DE) 3cd9e697-fec2-4f2d-9681-47dc0ae309c0 Croatia (HR) b904a269-358b-499d-a085-4d8b460a7633 Czech Republic (CZ) 7b4a72b6-f994-4e65-9d03-242b5d5c3192 Netherlands (NL) cf35da3b-5c64-4bcc-98b6-aff088652e20 Netherlands (NL) 578f336c-409f-4c42-9b01-632b40455d3e Estonia (EE) 2f9cdf36-8c74-4b82-94b4-4bc1f9ab598d Greece (GR) 98cc3dce-cbf3-4df0-8442-37a76e349926 Portugal (PT) ebc38d72-c2f5-4095-b7bb-79d6614fad1c Bulgaria (BG) 7bf3683a-2ee1-4e65-846d-92e406efe465 Sweden (SE) 752581a0-5f0e-44f0-9041-c39837a6d0ab Poland (PL) 0d72cced-ae48-410b-a802-dc326cb682a0 France (FR) 39135c8a-e65a-47ee-a08f-de1fcf1003dd Sweden (SE) 3c430bd8-7130-472d-b527-4fec966dbf44 Germany (DE) 55073784-ba76-4be2-b976-89ebdb00e7ec Germany (DE) af5e7d2d-78a6-41ca-a1c5-789825f77f7b Spain (ES) 01379f3e-f9b3-49cb-b5fe-a9fc100efbb2 Netherlands (NL) ec955a84-1183-4e95-b1c4-26f4a66dd5a1 Poland (PL) 9ba63e07-44d1-4f2f-b19d-610254983f6d Poland (PL)

**Ordering**

Order Code US and Canada	XT1CE3125AFF000XXX
E-Number (Finland)	3638778
EAN	8015644012922
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	1.137 kg
Package Level 1 EAN	8015644012922

**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	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 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
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	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



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