



PRODUCT-DETAILS

XT1C 160 TMD 125-1250 3p F F

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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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	04c3bfad-7e1c-429f-8614-00ca8b4c8246 Italy
Simplified SCIP	c980eb9d-c930-4207-be79-18998991e543 Germany 05fb5747-1f6a-4fcb-9a95-e2bdce382aac Finland c5611fb4-697a-488c-9338-65a1ac58eb95 Norway 23235400-6bd4-4005-9580-19e41cbbbc1c5 France 0569b031-ea62-4cca-8a66-2a5b16c051db Netherlands 76b8a86b-345a-4f87-8d62-e34024531bb1 Netherlands 521705a5-2bef-44ad-81eb-960bc18a89de Germany cbc69345-80fd-4f24-b3e6-425db0c63237 Denmark b876a3e8-bbb3-4dbe-a7cf-512672b07ca8 Germany 3cd9e697-fec2-4f2d-9681-47dc0ae309c0 Croatia b904a269-358b-499d-a085-4d8b460a7633 Czech Republic 7b4a72b6-f994-4e65-9d03-242b5d5c3192 Netherlands cf35da3b-5c64-4bcc-98b6-aff088652e20 Netherlands 578f336c-409f-4c42-9b01-632b40455d3e Estonia 2f9cdf36-8c74-4b82-94b4-4bc1f9ab598d Greece 98cc3dce-cbf3-4df0-8442-37a76e349926 Portugal ebc38d72-c2f5-4095-b7bb-79d6614fad1c Bulgaria 7bf3683a-2ee1-4e65-846d-92e406efe465 Sweden 752581a0-5f0e-44f0-9041-c39837a6d0ab Poland 0d72cccd-ae48-410b-a802-dc326cb682a0 France 39135c8a-e65a-47ee-a08f-de1fcf1003dd Sweden 3c430bd8-7130-472d-b527-4fec966dbf44 Germany 55073784-ba76-4be2-b976-89ebdb00e7ec Germany af5e7d2d-78a6-41ca-a1c5-789825f77f7b Spain 01379f3e-f9b3-49cb-b5fe-a9fc100effb2 Netherlands ec955a84-1183-4e95-b1c4-26f4a66dd5a1 Poland 9ba63e07-44d1-4f2f-b19d-610254983f6d Poland

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT1CE3125AFF000XXX
E-Number (Finland)	3638778
E-Number (Norway)	4309618
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 /	70 mm

Length	
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001295R0008

Technical

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	3P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 10.7 W
Rated Current (I _n)	125 A
Rated Frequency (f)	50 / 60 Hz
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
Rated Voltage (U_r)	690 V
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

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

External Classifications and Standards

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

