



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	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Principles Recyclability Rate	
End of Life Instructions	
9AKK108468A2347	

Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
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Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
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Environmental

Environmental Information	9AKK108467A6707
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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 (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 Number85362090

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
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	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
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	800 V

(U_i)

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

Classifications		
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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