



PRODUCT-DETAILS

XT1H 160 TMD 125-1250 3p F F

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General Information	
Extended Product Type	XT1H 160 TMD 125-1250 3p F F
Product ID	1SDA067453R1
EAN	8015644013479
Catalog Description	XT1H 160 TMD 125-1250 3p F F
Long Description	C.BREAKER TMAX XT1H 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 Declaration	9AKK108466A1424
RoHS Information	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	257f727a-d73b-4b44-9b03-f660196a0e86 Italy
Simplified SCIP	5c828b60-5527-4871-961b-d10cab4f90f3 France 17a1f22a-6317-4788-bd82-724e76616265 Germany e27712b2-6ae0-42c4-99bf-6efdeef3098b Spain 6ca28ee4-c3cf-438d-8069-059fba8cda03 Belgium 0937c73e-4918-409f-af6f-557974a0ac60 Hungary 9d04a931-95ce-4982-9a87-a18ef7952af4 Germany da5c651f-ad6f-4830-9838-75307a3e41c3 Denmark f08a6ac8-4d07-4f5c-898a-f2679fcfce7a Croatia e5f5944f-30ce-44b8-8ebb-05cf2225445f Germany d823427b-c5b3-4acc-a2e1-44f9e431cdb6 Sweden 4d1f1b0b-a1a8-4b10-9353-82985f57e486 Czech Republic a436ebcb-6858-4e91-a544-76295a66beaf Bulgaria 3fd23387-967b-4388-9761-8955fca8bce3 Poland b2427607-c00a-4329-a107-c14d150320d3 Poland e989eb56-ff47-4239-98f3-b36f796831b4 Germany 25352a15-a89c-429c-a0a8-806c4e439c39 Germany afde0b89-a30b-47b7-b23b-09c6143ea6e5 Portugal 8aef2b00-f063-4756-acbb-46e9971a295e Belgium a068cb1a-c512-4bf6-ab3d-0e491507784c France 5077a1bc-4385-4ba3-89b5-eb0fb8bc9d14 Greece 1975c665-8935-4c58-9838-7105c5430cb6 Poland cd037e7d-ddcc-43fa-8ce7-dc0c1d3037b1 Hungary e72ba110-0eeb-4867-b68e-d16ad988f01a Estonia 0a5f6690-c8b4-422f-97b4-25e1f8ce2658 Finland f31b02ea-699e-4aa6-984f-9bc837bf3372 Sweden b5909528-8376-4dd7-b35e-9ac49c403ff8 Netherlands b3e714ed-4814-4636-ab0d-2826b3fb2859 Norway

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT1HE3125AFF000XXX
E-Number (Norway)	4379221
EAN	8015644013479
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	1.1 kg
Package Level 1 EAN	8015644013479

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) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 52.5 kA (415 V AC) 37.5 kA (440 V AC) 32.5 kA (500 V AC) 25 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(525 V AC) 17.5 kA
	(690 V AC) 5 kA
	(250 V DC) 2 Poles in Series 52.5 kA
	(500 V DC) 3 Poles in Series 52.5 kA
	(220 V AC) 100 kA
	(230 V AC) 100 kA
	(240 V AC) 100 kA
	(380 V AC) 70 kA
	(415 V AC) 70 kA
	(440 V AC) 65 kA
	(500 V AC) 50 kA
	(525 V AC) 35 kA
(690 V AC) 10 kA	
(250 V DC) 2 Poles in Series 70 kA	
(500 V DC) 3 Poles in Series 70 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	H
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 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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)

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

