



PRODUCT-DETAILS

XT1N 160 TMD 63-630 3p F F

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General Information	
Extended Product Type	XT1N 160 TMD 63-630 3p F F
Product ID	1SDA067414R1
EAN	8015644013080
Catalog Description	XT1N 160 TMD 63-630 3p F F
Long Description	C.BREAKER TMAX XT1N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 63-630 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	27b3f7d2-9a9d-4702-8c8b-78b0b8988401 Italy
Simplified SCIP	aee58fd4-1e56-4298-8189-3e5115abb462 Germany 1ffadfff-ebc9-4810-a077-a29ee05933b3 Poland 0417799a-9290-4abf-abf6-7774a98a30b1 Bulgaria 2eca5665-1d25-4516-8b70-b764a7bdf9a5 Sweden 67bee0e5-9901-4ef0-9128-7849a7b0e517 Poland 37737179-f4ca-49f4-9dc8-1b69cef21c3e France 4ba80cd9-4f6f-47f4-b1a0-8d5221b573c8 Germany cdbb3483-9890-4a46-bbaa-6066e66326c8 Denmark f34ae812-e6f3-45e4-bf17-926328d6ea32 Germany ffa365ad-0a63-4996-801f-9f907780595d Croatia ee4808c3-7716-4e4a-aed8-cb20d3a302e0 Czech Republic c6e727f6-36d0-4492-8eba-cf90e63de90c Poland a7059471-1c97-4e1b-8c16-d767eaa1c627 Netherlands 1ffadfff-ebc9-4810-a077-a29ee05933b3 Poland 7b27d125-3eb3-47c4-841f-238495ac7db9 Norway 28b49d81-2c93-478b-97cd-b12793dd7015 Finland 1c033f72-17ba-46e7-b6b0-b4d95e52f2d7 Netherlands 7b27d125-3eb3-47c4-841f-238495ac7db9 Norway 28b49d81-2c93-478b-97cd-b12793dd7015 Finland 1c033f72-17ba-46e7-b6b0-b4d95e52f2d7 Netherlands 4ba80cd9-4f6f-47f4-b1a0-8d5221b573c8 Germany cdbb3483-9890-4a46-bbaa-6066e66326c8 Denmark f34ae812-e6f3-45e4-bf17-926328d6ea32 Germany ffa365ad-0a63-4996-801f-9f907780595d Croatia ee4808c3-7716-4e4a-aed8-cb20d3a302e0 Czech Republic c6e727f6-36d0-4492-8eba-cf90e63de90c Poland a7059471-1c97-4e1b-8c16-d767eaa1c627 Netherlands 5160fe50-30eb-4851-a4ad-c7489bce1f81 Netherlands 4c33881f-f0a2-4ab4-8b05-80f0dc6957d1 Estonia 7a8aa60f-fb7b-4633-9554-857968df1c0b Greece b9e146ff-487a-40be-b25f-62ef2e2aa0d0 Portugal 5160fe50-30eb-4851-a4ad-c7489bce1f81 Netherlands 4c33881f-f0a2-4ab4-8b05-80f0dc6957d1 Estonia 7a8aa60f-fb7b-4633-9554-857968df1c0b Greece b9e146ff-487a-40be-b25f-62ef2e2aa0d0 Portugal ea73ce68-7db5-4d60-961b-2590dc8126fd Sweden ceb27245-9af4-4fb1-b449-dc81ee39b704 Germany 047a76d8-ead0-4265-bfa2-ca814a2e94a9 Germany 24be2c1a-d0a0-489b-9e49-9b1b683e7486 France 6f275054-5b49-46ae-b8a4-f437da98c26b Netherlands 0c235e17-44de-43ef-857f-e2b2acfec393 Spain 4e491c2d-d697-4758-ae23-de5d61949d1c Netherlands 0417799a-9290-4abf-abf6-7774a98a30b1 Bulgaria 2eca5665-1d25-4516-8b70-b764a7bdf9a5 Sweden 4e491c2d-d697-4758-ae23-de5d61949d1c Netherlands 67bee0e5-9901-4ef0-9128-7849a7b0e517 Poland 37737179-f4ca-49f4-9dc8-1b69cef21c3e France ea73ce68-7db5-4d60-961b-2590dc8126fd Sweden ceb27245-9af4-4fb1-b449-dc81ee39b704 Germany 047a76d8-ead0-4265-bfa2-ca814a2e94a9 Germany 24be2c1a-d0a0-489b-9e49-9b1b683e7486 France 6f275054-5b49-46ae-b8a4-f437da98c26b Netherlands 0c235e17-44de-43ef-857f-e2b2acfec393 Spain

Environmental

Environmental Information	9AKK108467A6707
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Ordering

E-Number (Finland)	3640524
E-Number (Norway)	4379206
E-Number (Sweden)	3182431
EAN	8015644013080
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	1.133 kg
Package Level 1 EAN	8015644013080

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 4.3 W
Rated Current (I_n)	63 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	630 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) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (525 V AC) 11 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 22 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 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	44.1...63 A
Short-Circuit Performance Level	N
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	9AKK106713A5532

Conformity - CE

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)
eClass	V11.1 : 27370409

Categories

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

