



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

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	27b3f7d2-9a9d-4702-8c8b-78b0b8988401 Italy (IT)
Simplified SCIP	<p>ae58fd4-1e56-4298-8189-3e5115abb462 Germany (DE)</p> <p>1ffadfff-ebc9-4810-a077-a29ee05933b3 Poland (PL)</p> <p>0417799a-9290-4abf-abf6-7774a98a30b1 Bulgaria (BG)</p> <p>2eca5665-1d25-4516-8b70-b764a7bdf9a5 Sweden (SE)</p> <p>67bee0e5-9901-4ef0-9128-7849a7b0e517 Poland (PL)</p> <p>37737179-f4ca-49f4-9dc8-1b69cef21c3e France (FR)</p> <p>4ba80cd9-4f6f-47f4-b1a0-8d5221b573c8 Germany (DE)</p> <p>cdbb3483-9890-4a46-bbaa-6066e66326c8 Denmark (DK)</p> <p>f34ae812-e6f3-45e4-bf17-926328d6ea32 Germany (DE)</p> <p>ffa365ad-0a63-4996-801f-9f907780595d Croatia (HR)</p> <p>ee4808c3-7716-4e4a-aed8-cb20d3a302e0 Czech Republic (CZ)</p> <p>c6e727f6-36d0-4492-8eba-cf90e63de90c Poland (PL)</p> <p>a7059471-1c97-4e1b-8c16-d767eaa1c627 Netherlands (NL)</p> <p>1ffadfff-ebc9-4810-a077-a29ee05933b3 Poland (PL)</p> <p>7b27d125-3eb3-47c4-841f-238495ac7db9 Norway (NO)</p> <p>28b49d81-2c93-478b-97cd-b12793dd7015 Finland (FI)</p> <p>1c033f72-17ba-46e7-b6b0-b4d95e52f2d7 Netherlands (NL)</p> <p>7b27d125-3eb3-47c4-841f-238495ac7db9 Norway (NO)</p> <p>28b49d81-2c93-478b-97cd-b12793dd7015 Finland (FI)</p> <p>1c033f72-17ba-46e7-b6b0-b4d95e52f2d7 Netherlands (NL)</p> <p>4ba80cd9-4f6f-47f4-b1a0-8d5221b573c8 Germany (DE)</p> <p>cdbb3483-9890-4a46-bbaa-6066e66326c8 Denmark (DK)</p> <p>f34ae812-e6f3-45e4-bf17-926328d6ea32 Germany (DE)</p> <p>ffa365ad-0a63-4996-801f-9f907780595d Croatia (HR)</p> <p>ee4808c3-7716-4e4a-aed8-cb20d3a302e0 Czech Republic (CZ)</p> <p>c6e727f6-36d0-4492-8eba-cf90e63de90c Poland (PL)</p> <p>a7059471-1c97-4e1b-8c16-d767eaa1c627 Netherlands (NL)</p> <p>5160fe50-30eb-4851-a4ad-c7489bce1f81 Netherlands (NL)</p> <p>4c33881f-f0a2-4ab4-8b05-80f0dc6957d1 Estonia (EE)</p> <p>7a8aa60f-fb7b-4633-9554-857968df1c0b Greece (GR)</p> <p>b9e146ff-487a-40be-b25f-62ef2e2aa0d0 Portugal (PT)</p> <p>5160fe50-30eb-4851-a4ad-c7489bce1f81 Netherlands (NL)</p> <p>4c33881f-f0a2-4ab4-8b05-80f0dc6957d1 Estonia (EE)</p> <p>7a8aa60f-fb7b-4633-9554-857968df1c0b Greece (GR)</p> <p>b9e146ff-487a-40be-b25f-62ef2e2aa0d0 Portugal (PT)</p> <p>ea73ce68-7db5-4d60-961b-2590dc8126fd Sweden (SE)</p> <p>ceb27245-9af4-4fb1-b449-dc81ee39b704 Germany (DE)</p> <p>047a76d8-ead0-4265-bfa2-ca814a2e94a9 Germany (DE)</p> <p>24be2c1a-d0a0-489b-9e49-9b1b683e7486 France (FR)</p> <p>6f275054-5b49-46ae-b8a4-f437da98c26b Netherlands (NL)</p> <p>0c235e17-44de-43ef-857f-e2b2acfec393 Spain (ES)</p> <p>4e491c2d-d697-4758-ae23-de5d61949d1c Netherlands (NL)</p> <p>0417799a-9290-4abf-abf6-7774a98a30b1 Bulgaria (BG)</p> <p>2eca5665-1d25-4516-8b70-b764a7bdf9a5 Sweden (SE)</p> <p>4e491c2d-d697-4758-ae23-de5d61949d1c Netherlands (NL)</p> <p>67bee0e5-9901-4ef0-9128-7849a7b0e517 Poland (PL)</p> <p>37737179-f4ca-49f4-9dc8-1b69cef21c3e France (FR)</p> <p>ea73ce68-7db5-4d60-961b-2590dc8126fd Sweden (SE)</p> <p>ceb27245-9af4-4fb1-b449-dc81ee39b704 Germany (DE)</p> <p>047a76d8-ead0-4265-bfa2-ca814a2e94a9 Germany (DE)</p> <p>24be2c1a-d0a0-489b-9e49-9b1b683e7486 France (FR)</p> <p>6f275054-5b49-46ae-b8a4-f437da98c26b Netherlands (NL)</p> <p>0c235e17-44de-43ef-857f-e2b2acfec393 Spain (ES)</p>

Ordering

E-Number (Finland)	3640524
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
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 4.3 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	63 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_s)	630 A
Rated Insulation Voltage (U_i)	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity	(220 V AC) 50 kA (230 V AC) 50 kA

(I _{cs})	(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
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
RoHS Date	NA
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
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

