



PRODUCT-DETAILS

XT1S 160 TMD 63-630 3p F F

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General Information	
Extended Product Type	XT1S 160 TMD 63-630 3p F F
Product ID	1SDA067432R1
EAN	8015644013264
Catalog Description	XT1S 160 TMD 63-630 3p F F
Long Description	C.BREAKER TMAX XT1S 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 %
End of Life Instructions	9AKK108468A2347

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

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	ce8f8891-6bc3-4b61-ab84-65b55800b12c Italy (IT)
Simplified SCIP	Of485dd2-345b-47b5-aeab-6dcc5440ef9f Germany (DE) c9cc1f95-e9ad-45fb-af3a-537eeea9a165 Poland (PL) 1ccb741-adb3-4f10-a52c-b1bd20a388f5 Norway (NO) 1391e5c1-5120-4220-8bb8-3d8552fe799e Finland (FI) 38d0cd2b-989e-4b24-bed5-62dffbdfaa08 Netherlands (NL) bb463840-133b-4cbd-ad31-af6a9c57cb88 Germany (DE) 0fee1a6e-6a4d-42de-9d4c-c1b6bd41ac8f Denmark (DK) 89f9f307-8d6f-49ba-8a3f-7ac5805036d8 Germany (DE) 20fe8453-f873-4fc7-b77f-6f6e2602a0e3 Croatia (HR) b0944749-d3ec-4d7b-ad13-5fdee17bb549 Czech Republic (CZ) b7986f4a-5532-47ea-b566-d8419c037fe4 Poland (PL) 646bb9c1-f1ff-415b-96dc-dec2582724a2 Netherlands (NL) 692513ce-7bf8-4288-b905-97ef8bd55806 Netherlands (NL) b683d435-63d8-4f85-835c-f7d575fa2ca1 Spain (ES) 7a6ae108-4ae3-445f-9d24-67093624b36d Netherlands (NL) fe0cc92e-2520-4b37-ae1-3e9999a6caaa Portugal (PT) 51814f2d-932c-4674-a7be-9e65af785725 Netherlands (NL) a24511f0-eef9-47b9-a93a-be419cae331c Estonia (EE) f9bbc942-6b2e-4f31-b653-08b461ec4b89 Greece (GR) e736bd0c-83bf-4e74-aa67-c54fd149fd5d Sweden (SE) c66859ea-22de-4e3f-a6ae-4d94f96182a0 Germany (DE) Odfafdd1-adb5-4d45-90f9-6b8b900f3b89 Germany (DE) 6e73b777-5c04-4b2f-bbb0-a93d6931b927 France (FR) a24511f0-eef9-47b9-a93a-be419cae331c Estonia (EE) f9bbc942-6b2e-4f31-b653-08b461ec4b89 Greece (GR) fe0cc92e-2520-4b37-ae1-3e9999a6caaa Portugal (PT) 7ac1fce6-4c9e-4303-96ba-631d35c69185 Bulgaria (BG) c5a614be-fe83-4ba8-8ed1-005a446889af Sweden (SE) 85ebc361-f4dd-428a-9821-fab80f8db294 Poland (PL) d289bc2c-e60b-4f5e-9237-b3c55ba8672d France (FR) 0fee1a6e-6a4d-42de-9d4c-c1b6bd41ac8f Denmark (DK) 89f9f307-8d6f-49ba-8a3f-7ac5805036d8 Germany (DE) 20fe8453-f873-4fc7-b77f-6f6e2602a0e3 Croatia (HR) b0944749-d3ec-4d7b-ad13-5fdee17bb549 Czech Republic (CZ) b7986f4a-5532-47ea-b566-d8419c037fe4 Poland (PL) 646bb9c1-f1ff-415b-96dc-dec2582724a2 Netherlands (NL) 51814f2d-932c-4674-a7be-9e65af785725 Netherlands (NL) 7ac1fce6-4c9e-4303-96ba-631d35c69185 Bulgaria (BG) c5a614be-fe83-4ba8-8ed1-005a446889af Sweden (SE)

7a6ae108-4ae3-445f-9d24-67093624b36d Netherlands (NL)
 85ebc361-f4dd-428a-9821-fab80f8db294 Poland (PL)
 d289bc2c-e60b-4f5e-9237-b3c55ba8672d France (FR)
 e736bd0c-83bf-4e74-aa67-c54fd149fd5d Sweden (SE)
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 Odfafdd1-adb5-4d45-90f9-6b8b900f3b89 Germany (DE)
 6e73b777-5c04-4b2f-bbb0-a93d6931b927 France (FR)
 692513ce-7bf8-4288-b905-97ef8bd55806 Netherlands (NL)
 b683d435-63d8-4f85-835c-f7d575fa2ca1 Spain (ES)
 c9cc1f95-e9ad-45fb-af3a-537eeea9a165 Poland (PL)
 1ccb741-adb3-4f10-a52c-b1bd20a388f5 Norway (NO)
 1391e5c1-5120-4220-8bb8-3d8552fe799e Finland (FI)
 38d0cd2b-989e-4b24-bed5-62dffbdfaa08 Netherlands (NL)
 bb463840-133b-4cbd-ad31-af6a9c57cb88 Germany (DE)

Ordering

Order Code US and Canada	XT1SE3063AFF000XXX
EAN	8015644013264
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	1.17 kg
Package Level 1 EAN	8015644013264

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	Busbar 45.5 ... 80 mm ²
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Main Circuit	
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
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) 80 kA (230 V AC) 80 kA (240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 37.5 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 17.5 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 35 kA (690 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 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	S
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

