

PRODUCT-DETAILS

XT1C 160 TMD 63-630 4p F F

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General Information

Extended Product Type	XT1C 160 TMD 63-630 4p F F
Product ID	1SDA067404R1
EAN	8015644012984
Catalog Description	XT1C 160 TMD 63-630 4p F F
Long Description	C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 63-630 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Recyclability Rate	
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	8520a12f-9e1e-46df-b774-fae250ee3354 Italy (IT)
Simplified SCIP	d3cc6a8d-c5e8-481b-9234-e4cab534861 Germany (DE) ef41974b-77e1-4790-b38d-66a3f66fbc51 France (FR) ac6a6e14-c236-47ff-ba30-a32c13d1cc5f Netherlands (NL) 112c10e9-8940-45e9-81ef-f79d1bc4ba4d Spain (ES) 5e7afc5f-f0ce-496a-bad1-91adfe2bea6d Netherlands (NL) 031f090b-eef4-46d1-99ba-9ce035985511 Greece (GR) 0e67d5d8-b269-41b6-9c39-702ac065fb55 Bulgaria (BG) 735fafb5-d306-4723-9697-47fda5646c2e Poland (PL) e13b044b-f8f6-4793-9840-186203a40a31 Norway (NO) 581f3b40-cde8-443f-9472-2ca41c2ab76b Finland (FI) e6ea3eb3-04c7-4ccc-967a-e92559a2c485 Netherlands (NL) 6f7f0d36-14d0-49fa-bea3-7dc957d4c911 Germany (DE) 4de797f8-9046-4639-bf87-8dff4e229c18 Denmark (DK) 686b394e-fef5-4701-b980-6456383ec349 Germany (DE) a88aff47-6615-44e6-a5a4-0674750c11e9 Croatia (HR) 1bd00f34-16fa-4191-88cc-5f1db92762bb Czech Republic (CZ) 69652938-dc9b-4e8d-bfb3-01ce6d2fd4e0 Poland (PL) aeb36747-516a-4525-977c-a56918c9383f Netherlands (NL) b4b90187-2d4d-420d-b21d-3c2f2a9ea1b7 Netherlands (NL) 70bb3e3f-1c7b-485e-8760-89966625ac9d Estonia (EE) c9436e5c-8107-4949-af60-9c69648ba3e2 Portugal (PT) 54573f70-0d9a-446b-9a60-f0e7b45918c3 Germany (DE) e6ea3eb3-04c7-4ccc-967a-e92559a2c485 Netherlands (NL) 6f7f0d36-14d0-49fa-bea3-7dc957d4c911 Germany (DE) 4de797f8-9046-4639-bf87-8dff4e229c18 Denmark (DK) 686b394e-fef5-4701-b980-6456383ec349 Germany (DE) a88aff47-6615-44e6-a5a4-0674750c11e9 Croatia (HR) 1bd00f34-16fa-4191-88cc-5f1db92762bb Czech Republic (CZ) 69652938-dc9b-4e8d-bfb3-01ce6d2fd4e0 Poland (PL) 39561525-de4b-444b-8fc8-5b37629d40f5 Sweden (SE) 5e7afc5f-f0ce-496a-bad1-91adfe2bea6d Netherlands (NL) 113d9373-1f2a-4c5a-9b3c-deea02f33626 Poland (PL) e1794a5a-4438-442d-915a-fe55e21836bd France (FR) f8df65b1-890c-433f-8ea2-b6bcd2a629a Sweden (SE) 54573f70-0d9a-446b-9a60-f0e7b45918c3 Germany (DE) d3cc6a8d-c5e8-481b-9234-e4cab534861 Germany (DE) ef41974b-77e1-4790-b38d-66a3f66fbc51 France (FR) ac6a6e14-c236-47ff-ba30-a32c13d1cc5f Netherlands (NL) 112c10e9-8940-45e9-81ef-f79d1bc4ba4d Spain (ES) 735fafb5-d306-4723-9697-47fda5646c2e Poland (PL) e13b044b-f8f6-4793-9840-186203a40a31 Norway (NO) 581f3b40-cde8-443f-9472-2ca41c2ab76b Finland (FI) aeb36747-516a-4525-977c-a56918c9383f Netherlands (NL) b4b90187-2d4d-420d-b21d-3c2f2a9ea1b7 Netherlands (NL) 70bb3e3f-1c7b-485e-8760-89966625ac9d Estonia (EE) 031f090b-eef4-46d1-99ba-9ce035985511 Greece (GR) c9436e5c-8107-4949-af60-9c69648ba3e2 Portugal (PT) 0e67d5d8-b269-41b6-9c39-702ac065fb55 Bulgaria (BG) 39561525-de4b-444b-8fc8-5b37629d40f5 Sweden (SE) 113d9373-1f2a-4c5a-9b3c-deea02f33626 Poland (PL) e1794a5a-4438-442d-915a-fe55e21836bd France (FR) f8df65b1-890c-433f-8ea2-b6bcd2a629a Sweden (SE)

Ordering

Order Code US and Canada	XT1CE4063AFF000XXX
E-Number (Finland)	3640519

EAN	8015644012984
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	101.6 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.4 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	1.446 kg
Package Level 1 EAN	8015644012984

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	4
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_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) 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
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	44.1...63 A
Short-Circuit Performance Level	C
Standards	IEC
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0080

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

