



PRODUCT-DETAILS

XT1C 160 TMD 63-630 3p F F

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General Information

Extended Product Type	XT1C 160 TMD 63-630 3p F F
Product ID	1SDA067395R1
EAN	8015644012199
Catalog Description	XT1C 160 TMD 63-630 3p F F
Long Description	C.BREAKER TMAX XT1C 160 FIXED THREE-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 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	f8a3db18-b215-4bf0-a188-36b92353ada8 Italy (IT)
Simplified SCIP	4e7a6161-4fb1-4b8a-8a4b-542662f9e352 Germany (DE) 61163b89-f1d3-4644-940f-389133811615 Norway (NO) 2f6d6e62-1dcc-47cf-ad5c-29c527733f13 France (FR) 8f5b62da-4d76-4087-8af5-5e267aa1bcbd Netherlands (NL) a5b18f3c-1c9e-449f-b68a-6bd7c7c24284 Estonia (EE) b5e666e4-dbce-4a12-99f4-267847012e0c Greece (GR) 159b8e0c-28d9-4a88-aa7e-ae17a1f5e01 Portugal (PT) 49caf4a0-669f-44aa-8705-1686cc584012 Bulgaria (BG) 1dee6090-aae8-48be-9df2-02b6baff9eb Sweden (SE) f5ac57bd-6df7-45cd-8a34-b9742ee54117 Poland (PL) 04919024-e6ac-4bbc-8560-440eb1c781e5 Netherlands (NL) 4ed2cdb0-2e6d-42d6-8906-e2c821f942f9 Germany (DE) 8ae58a5c-dcda-4cc8-a917-fbc2e4708463 Denmark (DK) e2db9e39-108b-408e-8012-427eb24260d6 Germany (DE) 7f31893f-1c43-4c83-ac6e-7eaf2f302bc0 Croatia (HR) b25a6819-161b-437b-86d0-3a810a0bf6eb Czech Republic (CZ) 6f0de107-6c8e-40e8-9ae7-2e6b31050fbe Netherlands (NL) 8a56db9b-06ae-49ad-86d5-90505b400768 France (FR) ccb3f727-1d52-4e59-b8bc-31ce6d2020ae Sweden (SE) ac17958f-7474-4c63-8477-7c0aa63eaf38 Germany (DE) 86c9d61c-adcf-4e9d-bf83-3823fb1f79d4 Germany (DE) 6a7802f3-2cc5-4734-a714-cda6e80b692e Netherlands (NL) 73a11258-c80d-4439-ac10-7ff065d2f0d1 Spain (ES) 31622732-cbc3-4f89-aa69-1a71dd936b0a Netherlands (NL) cd86e4f0-784b-4f10-80b3-3648eb7dcd8a Poland (PL) aa099d69-662c-40b5-9eca-e20ca28f62b2 Poland (PL) 127662e9-0342-459b-9ee2-630c6b565474 Finland (FI)

Ordering

Order Code US and Canada	XT1CE3063AFF000XXX
E-Number (Finland)	3638776
EAN	8015644012199
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	1.135 kg
Package Level 1 EAN	8015644012199

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	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	800 V

(U _i)	
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
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	C
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

