



PRODUCT-DETAILS

# XT1C 160 TMD 63-630 3p F F

## XT1C 160 TMD 63-630 3p F F



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

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

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	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
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 mm <sup>2</sup>
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 <sub>n</sub> )	63 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	630 A
Rated Insulation Voltage (U <sub>i</sub> )	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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
RoHS Date	NA
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
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

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## Categories

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

