



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

**Material Compliance**

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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
Simplified SCIP	4e7a6161-4fb1-4b8a-8a4b-542662f9e352 Germany 61163b89-f1d3-4644-940f-389133811615 Norway 2f6d6e62-1dcc-47cf-ad5c-29c527733f13 France 8f5b62da-4d76-4087-8af5-5e267aa1bcbd Netherlands a5b18f3c-1c9e-449f-b68a-6bd7c7c24284 Estonia b5e666e4-dbce-4a12-99f4-267847012e0c Greece 159b8e0c-28d9-4a88-aa7e-ae17a1f5e01 Portugal 49caf4a0-669f-44aa-8705-1686cc584012 Bulgaria 1dee6090-aae8-48be-9df2-02b6baff9eb Sweden f5ac57bd-6df7-45cd-8a34-b9742ee54117 Poland 04919024-e6ac-4bbc-8560-440eb1c781e5 Netherlands 4ed2cdb0-2e6d-42d6-8906-e2c821f942f9 Germany 8ae58a5c-dcda-4cc8-a917-fbc2e4708463 Denmark e2db9e39-108b-408e-8012-427eb24260d6 Germany 7f31893f-1c43-4c83-ac6e-7eaf2f302bc0 Croatia b25a6819-161b-437b-86d0-3a810a0bf6eb Czech Republic 6f0de107-6c8e-40e8-9ae7-2e6b31050fbe Netherlands 8a56db9b-06ae-49ad-86d5-90505b400768 France ccb3f727-1d52-4e59-b8bc-31ce6d2020ae Sweden ac17958f-7474-4c63-8477-7c0aa63eaf38 Germany 86c9d61c-adcf-4e9d-bf83-3823fb1f79d4 Germany 6a7802f3-2cc5-4734-a714-cda6e80b692e Netherlands 73a11258-c80d-4439-ac10-7ff065d2f0d1 Spain 31622732-cbc3-4f89-aa69-1a71dd936b0a Netherlands cd86e4f0-784b-4f10-80b3-3648eb7dcd8a Poland aa099d69-662c-40b5-9eca-e20ca28f62b2 Poland 127662e9-0342-459b-9ee2-630c6b565474 Finland

**Environmental**

Environmental Information	9AKK108467A6707
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**Ordering**

Order Code US and Canada	XT1CE3063AFF000XXX
E-Number (Finland)	3638776
E-Number (Norway)	4309615
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 /	70 mm

Length

Product Net Weight	1.1 kg
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**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 <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	3P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.3 W
Rated Current (I <sub>n</sub> )	63 A
Rated Frequency (f)	50 / 60 Hz
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 <sub>cu</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) 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 <sub>u</sub> )	160 A
Rated Voltage (U <sub>r</sub> )	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

### External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

