



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
Display Name:	XT1C 160 TMD 63-630 3p F F

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
Extended Product Lifetime:	Product Modularity

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-4d76-4087-8af5-5e267aa1cbcd 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 Czechia 6f0de107-6c8e-40e8-9ae7-2e6b31050fbc 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 / 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:	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 _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):

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
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

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

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
1SDA066305R1	ADP MONT. FIXED TERM. PF XT1 3p	xADP MONT. FIXED TERM. PF XT1 3p	x1	piece
1SDA066865R1	KIT EF XT1 3pcs	KIT EF XT1 3pcs	1	piece
1SDA066867R1	KIT EF XT1 6pcs	KIT EF XT1 6pcs	1	piece
1SDA066260R1	KIT EF FP XT1 3pcs	KIT EF FP XT1 3pcs	1	piece
1SDA066889R1	KIT ES XT1 3pcs	KIT ES XT1 3pcs	1	piece
1SDA066891R1	KIT ES XT1 6pcs	KIT ES XT1 6pcs	1	piece
1SDA066957R1	KIT FB XT1 3pcs	KIT FB XT1 3pcs	1	piece
1SDA066959R1	KIT FB XT1 6pcs	KIT FB XT1 6pcs	1	piece
1SDA066905R1	KIT FC Cu XT1 3pcs	KIT FC Cu XT1 3pcs	1	piece
1SDA066907R1	KIT FC Cu XT1 6pcs	KIT FC Cu XT1 6pcs	1	piece
1SDA067151R1	KIT FC CuAl 1x1,5...70mm2 XT1 3pcs	KIT FC CuAl 1x1,5...70mm2 XT1 3pcs	1	piece
1SDA067153R1	KIT FC CuAl 1x1,5...70mm2 XT1 6pcs	KIT FC CuAl 1x1,5...70mm2 XT1 6pcs	1	piece
1SDA067155R1	KIT FC CuAl 1x35...95mm2 XT1 3pcs	KIT FC CuAl 1x35...95mm2 XT1 3pcs	1	piece
1SDA067157R1	KIT FC CuAl 1x35...95mm2 XT1 6pcs	KIT FC CuAl 1x35...95mm2 XT1 6pcs	1	piece
1SDA067159R1	KIT FC CuAl 1x120...240mm2 XT1 3pcs +ADP	KIT FC CuAl 1x120...240mm2 XT1 3pcs +ADP	1	piece
1SDA067161R1	KIT FC CuAl 1x120...240mm2 XT1 6pcs +ADP	KIT FC CuAl 1x120...240mm2 XT1 6pcs +ADP	1	piece
1SDA066921R1	KIT MC CuAl 6x2.5...35mm2 XT1 3pcs	KIT MC CuAl 6x2.5...35mm2 XT1 3pcs	1	piece
1SDA066923R1	KIT MC CuAl 6x2.5...35mm2 XT1 6pcs	KIT MC CuAl 6x2.5...35mm2 XT1 6pcs	1	piece
1SDA066937R1	KIT R XT1 3pcs	KIT R XT1 3pcs	1	piece
1SDA066939R1	KIT R XT1 6pcs	KIT R XT1 6pcs	1	piece

1SDA066664R1	HTC XT1 3p TERMINAL COVERS HIGH 2pcs	HTC XT1 3p TERMINAL COVERS HIGH 2pcs	1	piece
1SDA066655R1	LTC XT1 3p TERMINAL COVERS LOW 2pcs	LTC XT1 3p TERMINAL COVERS LOW 2pcs	1	piece
1SDA068954R1	PB 90mm FP 6pcs XT1..XT4 4p KIT DI.PH.RE	PB 90mm FP 6pcs XT1..XT4 4p KIT DI.PH.RE	1	piece
1SDA066652R1	KIT DIN50022 XT1 3p PLATE DIN	KIT DIN50022 XT1 3p PLATE DIN	1	piece
1SDA066268R1	KIT R FP XT1 3pcs	KIT R FP XT1 3pcs	1	piece
1SDA067122R1	RC Inst HV 85...690Vac XT1 3p F	RC Inst HV 85...690Vac XT1 3p F	1	piece
1SDA067123R1	RC Sel HV 85...690Vac XT1 3p F	RC Sel HV 85...690Vac XT1 1 3p F		piece

Categories

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

