



PRODUCT-DETAILS

# XT2S 160 TMA 63-630 3p F F

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### General Information

Extended Product Type	XT2S 160 TMA 63-630 3p F F
Product ID	1SDA067556R1
EAN	8015644014520
Catalog Description	XT2S 160 TMA 63-630 3p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 63 I3=315...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	9AKK108468A2348
Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

### 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	1356d4aa-8ac0-4c90-a0a6-7bd20dbf382e Italy
Simplified SCIP	5c697f83-ca81-4283-a9be-611d4112911a Germany 904e26e1-b4f8-446c-bcad-9aa8f98e42b9 Netherlands 1664f057-cbae-4159-8779-ec95f143db2a Spain 4fc7a468-c5ba-4bff-a584-8685ec52f288 Netherlands b44ff0ce-ec9f-428c-9384-adbf0d3a081 Bulgaria 4b295e8e-2540-41ab-8e3b-baee28071515 Sweden 00fba872-10c1-45b1-9422-6fa193bcf6c2 Poland 424f2299-cff1-4f85-8472-b9b9d8454dcd France 3389ba5f-3328-46ab-b5a0-db2105f1e8e4 Croatia 1dc918cc-06e4-46de-9766-201bea1beb1b Czech Republic ad59485a-8d3c-4d59-93ba-2c60c2a7a508 Poland 8b836f51-1f94-497d-a2de-1f6e8d352126 Sweden 761e6038-a9f8-492f-a604-350f95784e3e Germany 8ce021f5-d2fc-4312-bce1-35abcf47b93f Germany 19ca41ae-ae94-4c94-8b1c-3db95f936525 France fb53d5fa-faa9-4ad6-a19c-240b80f79df6 Poland 34d65c78-b470-4060-952a-7b62093cb521 Norway a93a0f59-3251-4210-ae7d-9294ba2854fa Finland b13374ee-6f72-4e10-ae12-33e81bcfc856 Netherlands aafcd53f-4f76-4a48-991b-3c70373b814f Germany 08750b2c-f6f5-4cbc-af6e-920b98268ae9 Netherlands 8699cdd4-d2d2-46a9-8bf6-ca7a24c69be5 Netherlands a49b2555-f610-49c5-be8a-a6368bfb46c1 Estonia e34dc943-512d-492d-8de5-8df021f436d6 Greece f8083088-0978-4053-95e8-05bd971aba66 Portugal 96c89ff8-eb84-4285-bbd1-3879d6bc3b49 Denmark 7de00697-df77-43ea-8dfd-a6576ad93b54 Germany

### Environmental

Environmental Information	9AKK108467A6707
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### Ordering

Order Code US and Canada	XT2SE3063BFF000XXX
E-Number (Finland)	3638183
E-Number (Norway)	4379276
EAN	8015644014520
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

### Dimensions

Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth /	82.5 mm

Length	
Product Net Weight	1.4 kg

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm
Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	1.64 kg
Package Level 1 EAN	8015644014520

### 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	1SDH002230A1001

### Technical

Connecting Capacity Main Circuit	Busbar 32.5..100 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 4.85 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> )	300...630 A
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA

	(500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current ( $I_u$ )	160 A
Rated Voltage ( $U_r$ )	690 V
Recommended Screw Driver	Main Circuit M6
Release	TMA
Release Type	TM
Setting Range	44.1...63 A
Short-Circuit Performance Level	S
Standards	IEC60947-2
Sub-type	XT2
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	9AKK106713A5901
GL Certificate	1SDL000163R0093
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0001

### External Classifications and Standards

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

