



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
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### Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
End of Life Instructions	9AKK108468A2348

Group Waste to Landfill  
Target

UL 2799 Zero Waste To Landfill Validation available

### Eco Transparency

Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
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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	1356d4aa-8ac0-4c90-a0a6-7bd20dbf382e Italy (IT)
Simplified SCIP	5c697f83-ca81-4283-a9be-611d4112911a Germany (DE) 904e26e1-b4f8-446c-bcad-9aa8f98e42b9 Netherlands (NL) 1664f057-cbae-4159-8779-ec95f143db2a Spain (ES) 4fc7a468-c5ba-4bff-a584-8685ec52f288 Netherlands (NL) b44ff0ce-ec9f-428c-9384-adbf0d3a081 Bulgaria (BG) 4b295e8e-2540-41ab-8e3b-baee28071515 Sweden (SE) 00fba872-10c1-45b1-9422-6fa193bcf6c2 Poland (PL) 424f2299-cff1-4f85-8472-b9b9d8454dcd France (FR) 3389ba5f-3328-46ab-b5a0-db2105f1e8e4 Croatia (HR) 1dc918cc-06e4-46de-9766-201bea1beb1b Czech Republic (CZ) ad59485a-8d3c-4d59-93ba-2c60c2a7a508 Poland (PL) 8b836f51-1f94-497d-a2de-1f6e8d352126 Sweden (SE) 761e6038-a9f8-492f-a604-350f95784e3e Germany (DE) 8ce021f5-d2fc-4312-bce1-35abcf47b93f Germany (DE) 19ca41ae-ae94-4c94-8b1c-3db95f936525 France (FR) fb53d5fa-faa9-4ad6-a19c-240b80f79df6 Poland (PL) 34d65c78-b470-4060-952a-7b62093cb521 Norway (NO) a93a0f59-3251-4210-ae7d-9294ba2854fa Finland (FI) b13374ee-6f72-4e10-ae12-33e81bcfc856 Netherlands (NL) aafcd53f-4f76-4a48-991b-3c70373b814f Germany (DE) 08750b2c-f6f5-4cbc-af6e-920b98268ae9 Netherlands (NL) 8699cdd4-d2d2-46a9-8bf6-ca7a24c69be5 Netherlands (NL) a49b2555-f610-49c5-be8a-a6368bfb46c1 Estonia (EE) e34dc943-512d-492d-8de5-8df021f436d6 Greece (GR) f8083088-0978-4053-95e8-05bd971aba66 Portugal (PT) 96c89ff8-eb84-4285-bbd1-3879d6bc3b49 Denmark (DK) 7de00697-df77-43ea-8dfd-a6576ad93b54 Germany (DE)

### Ordering

Order Code US and Canada	XT2SE3063BFF000XXX
E-Number (Finland)	3638183
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 / Length	82.5 mm
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	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 4.85 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	1000 V

(U <sub>i</sub> )	
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 <sub>cu</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 Uninterrupted Current (I <sub>u</sub> )	160 A
Rated Voltage (U <sub>r</sub> )	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

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## 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

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## Categories

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

