PRODUCT-DETAILS

XT2N 160 TMA 63-630 4p F F

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General Information

Extended Product Type	XT2N 160 TMA 63-630 4p F F
Product ID	1SDA067037R1
EAN	8015644009434
Catalog Description	XT2N 160 TMA 63-630 4p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED FOUR-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
Extended Product Lifetime	Product Modularity
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

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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	01957bb2-d604-48b2-a2e1-50857b7b64fb Italy
Simplified SCIP	6cf4007d-7377-4620-bf71-bb2ebfb8139e Spain b97116df-e458-4bba-abf2-6ef281595902 Hungary ed4e22aa-68ca-4777-b4a3-9a7707e660a7 Belgium 2ee5ac5d-2089-489a-bc81-a27283b6a9f5 France 2059c5b2-4ac5-457f-bbfd-e7a64624a00e Germany 9113dc5a-7d1b-4ba0-b42f-5c3aad75a719 Czech Republic 60c32cd6-3bb5-499c-a2ff-ac53a0e9ee96 Portugal 7d5e121e-4036-4866-bca5-9669e1b6aa96 Denmark 19a3b1f0-c617-477e-a82a-b06c5a5ada60 Germany 339468d7-c350-48e1-ae79-c8824d81dd69 Sweden 60d4882a-fb2e-45bd-9a25-c977bf022219 Germany fbcb5e15-7f17-4ec8-a643-ad76a192e56e Croatia b3344b4b-dd95-4b8f-ac56-bc55a64e7145 France e79caf94-a678-44d2-b167-ccd62089f529 Greece cbdaf91b-fc37-4d44-bc24-1b84f8b98589 Estonia 0e163568-64b1-45c3-ab3c-8a1bf267d2c0 Belgium 02103868-adaa-4982-9bb7-910cc86142d1 Finland dde684a3-60de-42cd-8fe1-f519a19f95e3 Poland a97f8077-2b79-41ef-aacf-546fa724843b Hungary 5c0bf06a-3071-46b7-9cf6-2e017c00ad8c Sweden 651ec6b9-af35-42a6-a44f-2e7bf9de6186 Germany 25ea3b9c-a250-40d0-ab4d-a5ee6f855790 Norway 7b1d9aba-e4e1-47e1-b92e-6549d454ea1f Netherlands 033d7a16-0c77-45ae-bcdd-8641cae11075 Poland fbc82c32-a5ca-44b9-b720-8beb14dc2c52 Poland 38cc79c8-82f9-42b9-a19e-983ed2688685 Bulgaria c219e422-f6f7-467c-806d-a14a0ad81bed Germany

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE4063BFF000XXX
E-Number (Norway)	4309742
EAN	8015644009434
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.6 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm

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Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	2.114 kg
Package Level 1 EAN	8015644009434

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	1SDH002230A1002

Technical

Connecting Capacity Main Circuit	Busbar 32.5..100 mm²
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	4P
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_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)	300…630 A
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA

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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	N
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 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

Categories

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

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