PRODUCT-DETAILS

XT2N 160 TMA 125-1250 4p F F InN=100%

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General Information

Extended Product Type	XT2N 160 TMA 125-1250 4p F F InN=100%
Product ID	1SDA067042R1
EAN	8015644009489
Catalog Description	XT2N 160 TMA 125-1250 4p F F InN=100%
Long Description	C.BREAKER TMAX XT2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 125 I3=625...1250 A FULLY RATED NEUTRAL

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	ee8833b9-b6b4-4b47-8cf4-b61846167e37 Italy
Simplified SCIP	db95b55b-e42e-461d-8400-df6ba0cbbd99 Denmark 44670c60-298e-4e5c-a689-5fa1967546f2 Sweden 5fc3066d-49e3-4804-b3d3-b4794fbd533a Germany 32a5046b-bbea-4919-9f51-222ed785bd8c Croatia 08bfa213-96bd-461f-acbe-0d88de474c85 Germany d2957404-9ff9-4ee8-85fe-dc4501b3efae Portugal f882e009-2dd7-4911-ad15-2aa291a36730 Czech Republic d1a435cc-dedf-4063-a115-d9c87e3444fc Germany 60732750-d11e-4764-9033-d8603db22677 Germany 53982014-9ec0-4465-826f-ff5ac0af527f France b7188274-0496-4544-8704-db25b5d06f04 Hungary 13796234-66d6-4bca-8663-b8d984033f75 Spain 8542c70f-10a3-4b4e-bd3a-7c0d01f990f3 Belgium dfdddc70-e302-4d66-bb2f-fa7f4a7c4533 Belgium a66a661c-174f-4794-b691-981caacdc020 Estonia 8407e8f9-b964-402e-9db7-e091e5f6bf34 Finland e1f0c5fc-5531-484a-a88f-762654b42349 Hungary 667104e0-4f1d-4c7f-a552-ed08c308d488 Poland 224890c1-1715-44df-9b38-0085c16a91a1 France 9396b4d0-9cbf-4cb3-951f-90288a86bf38 Greece 14a81df8-d62c-4938-aeea-d3816200a0b3 Norway e44787ba-24af-4ab1-a770-01acc8a2a733 Sweden 1ff5f351-9a01-462f-92d2-47ea0fe9a8b9 Netherlands 01e02053-e1db-4184-a434-dc7bdf753ca2 Poland e25ce73b-a867-4afe-8842-7774be94dcb1 Poland 9ca73046-39ce-4846-9e5b-5fd4f3b125c6 Bulgaria 2e8a88d6-dcb4-43a3-9eee-dd667138bf44 Germany

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE4125BFF000XXX
E-Number (Norway)	4309745
EAN	8015644009489
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	1.45 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm

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Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.55 kg
Package Level 1 EAN	8015644009489

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 11.4 W
Rated Current (I_n)	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	625…1250 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	87.5...125 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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