PRODUCT-DETAILS

XT2N 160 TMA 125-1250 3p F F

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General Information

Extended Product Type	XT2N 160 TMA 125-1250 3p F F
Product ID	1SDA067019R1
EAN	8015644009250
Catalog Description	XT2N 160 TMA 125-1250 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 125 I3=625...1250 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	0cfed3ba-4915-4b7e-8316-182b26cacec2 Italy
Simplified SCIP	811a69f6-4538-4bfc-b2a8-099685f55427 Hungary a36ab829-34cb-40b9-b8fe-7b5bc485695d Germany bfc56b29-7cc7-4201-b466-91ac38c66551 Germany 828264dc-7212-492b-a31a-611d0605444e Hungary bcf374f6-6094-4b30-b5c3-b963f2b8bbdf Poland d97e5936-c5f8-465f-a873-8b8904200513 Finland 58a8e3e5-f4c9-448f-a095-1044ba116b33 Germany 9e514f12-619f-4413-ac9e-01e27f459049 Belgium 1c15e6e7-c7c4-4b87-bd71-bb875acd11dc Norway 4158c195-2c82-4b1a-b460-b55662ae78e8 France fd2e1cef-ad59-4c64-9670-2b58f0447a06 Sweden 20e6eab0-3a23-407e-a298-3af42b30ec1f Sweden 355c1d94-3373-4d73-80e7-d9e1ef7f831f Croatia c6566a26-e8cd-4bc3-82ec-04f4fbe17357 Spain 7be4e5d1-e2fa-40c1-bebb-3efa11ca61d3 France f1e4f949-591d-4f3e-a7e0-ac76577b59c1 Estonia e92e4b93-df7e-4a50-bf73-4590d70da121 Greece 62eea54e-165d-43cd-a653-bff5b4effd17 Portugal ec6c44b5-c529-4dcb-b775-c7794453a594 Bulgaria 9f545650-0b22-4d17-ad11-645a8458b0e5 Poland 6e7969d0-dfbf-4bca-b3f6-a4d28197f3ed Netherlands 7a2809d4-ce23-4688-9a5c-8c886126140b Germany c52723ea-0039-4f7d-b380-78e54c030877 Denmark 12f3ed52-6bbc-4260-92d3-512b01b78a23 Germany a43e2f18-7f1e-447f-9075-1c8b677bf425 Belgium d1fed388-8a95-420b-bf78-1f4acca825b6 Czech Republic 62b35bab-488a-4c30-9678-4907e1ce63c4 Poland

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE3125BFF000XXX
E-Number (Finland)	3638180
E-Number (Norway)	4309645
EAN	8015644009250
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

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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	8015644009250

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 mm²
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 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

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	(500 V DC) 3 Poles in Series 36 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	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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