



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

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
Principles Recyclability Rate	
Conflict Minerals Reporting Template	
	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2348
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108469A1856
	9AKK108468A1891

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	0cfed3ba-4915-4b7e-8316-182b26cacec2 Italy (IT)
Simplified SCIP	811a69f6-4538-4bfc-b2a8-099685f55427 Hungary (HU) a36ab829-34cb-40b9-b8fe-7b5bc485695d Germany (DE) bfc56b29-7cc7-4201-b466-91ac38c66551 Germany (DE) 828264dc-7212-492b-a31a-611d0605444e Hungary (HU) bcf374f6-6094-4b30-b5c3-b963f2b8bbdf Poland (PL) d97e5936-c5f8-465f-a873-8b8904200513 Finland (FI) 58a8e3e5-f4c9-448f-a095-1044ba116b33 Germany (DE) 9e514f12-619f-4413-ac9e-01e27f459049 Belgium (BE) 1c15e6e7-c7c4-4b87-bd71-bb875acd11dc Norway (NO) 4158c195-2c82-4b1a-b460-b55662ae78e8 France (FR) fd2e1cef-ad59-4c64-9670-2b58f0447a06 Sweden (SE) 20e6eab0-3a23-407e-a298-3af42b30ec1f Sweden (SE) 355c1d94-3373-4d73-80e7-d9e1ef7f831f Croatia (HR) c6566a26-e8cd-4bc3-82ec-04f4fbe17357 Spain (ES) 7be4e5d1-e2fa-40c1-bebb-3efa11ca61d3 France (FR) f1e4f949-591d-4f3e-a7e0-ac76577b59c1 Estonia (EE) e92e4b93-df7e-4a50-bf73-4590d70da121 Greece (GR) 62eea54e-165d-43cd-a653-bff5b4effd17 Portugal (PT) ec6c44b5-c529-4dcb-b775-c7794453a594 Bulgaria (BG) 9f545650-0b22-4d17-ad11-645a8458b0e5 Poland (PL) 6e7969d0-dfbf-4bca-b3f6-a4d28197f3ed Netherlands (NL) 7a2809d4-ce23-4688-9a5c-8c886126140b Germany (DE) c52723ea-0039-4f7d-b380-78e54c030877 Denmark (DK) 12f3ed52-6bbc-4260-92d3-512b01b78a23 Germany (DE) a43e2f18-7f1e-447f-9075-1c8b677bf425 Belgium (BE) d1fed388-8a95-420b-bf78-1f4acca825b6 Czech Republic (CZ) 62b35bab-488a-4c30-9678-4907e1ce63c4 Poland (PL)

Ordering

Order Code US and Canada	XT2NE3125BFF000XXX
E-Number (Finland)	3638180
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
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
Connecting Capacity Main Circuit	Busbar 32.5..100 mm ²
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 11.4 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U _r)	690 V
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
Rated Uninterrupted Current (I _u)	160 A
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
Version	F
CAD Dimensional Drawing	1SDH002230A1001

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

Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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

Categories

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

