PRODUCT-DETAILS

XT2N 160 MF 4 Im=56 3p F F

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General Information

Extended Product Type	XT2N 160 MF 4 Im=56 3p F F
Product ID	1SDA067046R1
EAN	8015644009526
Catalog Description	XT2N 160 MF 4 Im=56 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MF Iu 4 A I3=56 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

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Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

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	a9a7b320-03d2-495c-9fab-08312813ad9e Italy
Simplified SCIP	9fd11552-4276-4854-94f6-4f048abae612 Hungary 35265f0d-c8a2-41f6-b0fb-de3607be5355 Belgium ab7719c8-3dd3-4768-99e2-1c9212dd6afc Spain f54ff390-15db-4f73-b6ef-54295b461422 France 372d2a7d-e26d-4446-bf86-5b792ce71d72 Germany fe92bd70-079c-4168-bc22-1b2e500f4904 Czech Republic 49f41c9f-88a5-4839-91ef-98abd90c02fd Sweden 60a75b10-e51e-4066-b6d8-86dab66661b3 Germany de253c22-fcdc-42d5-a962-9d90664dbe4a Croatia d5f7d2e9-0b13-4009-ad30-21a26dd1a568 Germany eaf2543c-847c-4e60-af3d-54844b392cf8 Denmark 2289da6c-db11-4606-8165-e9eb6356beea Germany a1d0033b-3b5f-4a35-b211-32e96013e2a2 Estonia c51ddc2f-b687-45c4-9073-4503063dd953 Belgium 166b918d-c11b-4df5-98a2-d1d0d78306f2 Greece a27b4a82-3e41-4d3e-90ab-53ed9ebcc919 France 95018846-a40e-4f36-bb82-50efd9c35cc5 Finland 417eba76-18ff-45ea-9632-5478ef5e2b09 Hungary 98127db2-9db3-48d4-9e74-d34b44dae08c Poland 4e08d8ed-5636-40be-ad25-ad1e18325ad7 Poland 7c35d5d7-9b74-4bea-81ea-29d70be3278a Poland 4eed2429-e51e-4159-a17e-dd7e1d000100 Bulgaria 1cbf543c-b3fe-4656-9e37-6392bc55b5a8 Sweden 4c503602-d7dc-450f-acca-3f2986103193 Norway 48b0788a-cba8-4e2c-9599-88bef0a1cf30 Netherlands 65c49d46-c809-4b52-bc67-17900ce76606 Portugal 7272d7bd-8434-4491-b851-7c6ea781ec60 Germany

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE3004IFF000XXX
E-Number (Norway)	4379355
EAN	8015644009526
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm

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Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.1 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm
Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.2 kg
Package Level 1 EAN	8015644009526

Additional Information

Circuit Breaker Type to be Associated	Motor Protection
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^2
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 2.47 W
Rated Current (I_n)	4 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	56 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

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	(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
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	MF
Release Type	M
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

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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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