PRODUCT-DETAILS

XT2N 160 TMA 40-400 3p F F

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General Information

Extended Product Type	XT2N 160 TMA 40-400 3p F F
Product ID	1SDA067014R1
EAN	8015644008604
Catalog Description	XT2N 160 TMA 40-400 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 40 I3=200...400 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	76203f2d-5c4e-4102-b107-0147f79298fd Italy
Simplified SCIP	5abf14cd-c5e8-432e-9ff5-d8dc1cfbea75 Portugal 05571e8f-27be-4315-b66d-760eb6faade5 Czech Republic fac2e95b-d4d5-461a-b405-bb6c26a00acc Germany ba7c0177-6dfa-4988-88b7-4862e23bdfdb Germany ef673d60-05d7-4dca-a5ac-139fdab98e97 Germany d5e57ecc-9845-440c-aecf-9f010dbfd095 Croatia da287c90-9bc8-4906-93ff-93e5c4376276 France a80d08e0-b6e7-4aa4-a953-2662b57f5dda Hungary 6db95e8f-4bde-4ef8-a54a-22de17076a20 Spain 92788033-ec8d-474d-96e9-5e442154ea85 Belgium b2e6ca3f-2155-4143-965d-d8732c5643d3 Germany 4225a4be-ceda-4837-838a-6581454f746d Poland de547095-2734-4f9f-9515-94df7197f3b6 Poland 72ca3303-227a-4065-a43e-5e0905cd504f Bulgaria bf7f7a8d-b835-418e-95fd-7eac6986ed20 Norway 492e313d-4b6b-4b3f-ae61-2bdfafc1aef3 Netherlands f8815d70-8c0e-4417-bf59-d321250ac5ad Sweden c26b73a5-1e3f-4d68-8d89-aef77a553ce3 Finland edebc64a-f29b-44f1-bf48-dcd43af78157 Hungary bc55aae8-528a-4003-adcd-98c083b78470 Poland b5ca3922-ad5a-42a3-aafd-2edfc947cf80 Belgium 2b8bd32d-c8fb-4b59-8dcc-934858a9c5d5 Sweden c4c00fd0-a05d-4e3f-afb9-97027a60fa4a Denmark d09d933a-caa3-4214-b139-54d7368181fe Estonia 44db9d53-81de-4d30-b0d9-68917d617f20 Greece 7e69915a-7a86-4e30-8993-2fa93cf922dd France 29505e96-1a02-436e-95d5-95bc45e0e4f3 Germany

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT2NE3040BFF000XXX
E-Number (Finland)	3638633
E-Number (Norway)	4309640
EAN	8015644008604
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	1.674 kg
Package Level 1 EAN	8015644008604

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 3.71 W
Rated Current (I_n)	40 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	300…400 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	28...40 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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