



PRODUCT-DETAILS

# XT2N 160 TMA 40-400 3p F F

## XT2N 160 TMA 40-400 3p F F



### 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
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### Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
End of Life Instructions	9AKK108468A2348

Group Waste to Landfill Target

UL 2799 Zero Waste To Landfill Validation available

**Eco Transparency**

Environmental Product Declaration - EPD	9AKK108469A1856 9AKK108468A1891
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**Environmental**

Environmental Information	9AKK108467A6707
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**Material Compliance**

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	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 (IT)

Simplified SCIP	5abf14cd-c5e8-432e-9ff5-d8dc1cfbea75 Portugal (PT) 05571e8f-27be-4315-b66d-760eb6faade5 Czech Republic (CZ) fac2e95b-d4d5-461a-b405-bb6c26a00acc Germany (DE) ba7c0177-6dfa-4988-88b7-4862e23bdfdb Germany (DE) ef673d60-05d7-4dca-a5ac-139fdab98e97 Germany (DE) d5e57ecc-9845-440c-aecf-9f010dbfd095 Croatia (HR) da287c90-9bc8-4906-93ff-93e5c4376276 France (FR) a80d08e0-b6e7-4aa4-a953-2662b57f5dda Hungary (HU) 6db95e8f-4bde-4ef8-a54a-22de17076a20 Spain (ES) 92788033-ec8d-474d-96e9-5e442154ea85 Belgium (BE) b2e6ca3f-2155-4143-965d-d8732c5643d3 Germany (DE) 4225a4be-ceda-4837-838a-6581454f746d Poland (PL) de547095-2734-4f9f-9515-94df7197f3b6 Poland (PL) 72ca3303-227a-4065-a43e-5e0905cd504f Bulgaria (BG) bf7f7a8d-b835-418e-95fd-7eac6986ed20 Norway (NO) 492e313d-4b6b-4b3f-ae61-2bdfafc1aef3 Netherlands (NL) f8815d70-8c0e-4417-bf59-d321250ac5ad Sweden (SE) c26b73a5-1e3f-4d68-8d89-ae77a553ce3 Finland (FI) edebc64a-f29b-44f1-bf48-dcd43af78157 Hungary (HU) bc55aae8-528a-4003-adcd-98c083b78470 Poland (PL) b5ca3922-ad5a-42a3-aafd-2edfc947cf80 Belgium (BE) 2b8bd32d-c8fb-4b59-8dcc-934858a9c5d5 Sweden (SE) c4c00fd0-a05d-4e3f-afb9-97027a60fa4a Denmark (DK) d09d933a-caa3-4214-b139-54d7368181fe Estonia (EE) 44db9d53-81de-4d30-b0d9-68917d617f20 Greece (GR) 7e69915a-7a86-4e30-8993-2fa93cf922dd France (FR) 29505e96-1a02-436e-95d5-95bc45e0e4f3 Germany (DE)
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**Ordering**

Order Code US and Canada	XT2NE3040BFF000XXX
E-Number (Finland)	3638633
EAN	8015644008604
Minimum Order Quantity	1 piece

Customs Tariff Number	85362090
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## 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	1.674 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 mm <sup>2</sup>
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 3.71 W
Rated Current (I <sub>n</sub> )	40 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	300...400 A
Rated Insulation Voltage	1000 V

(U <sub>i</sub> )	
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cu</sub> )	(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 <sub>u</sub> )	160 A
Rated Voltage (U <sub>r</sub> )	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

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## Classifications

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

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## Categories

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

