

PRODUCT-DETAILS

XT2H 160 MA 160 Im=960...2240 3p F F

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General Information	
Extended Product Type	XT2H 160 MA 160 Im=960...2240 3p F F
Product ID	1SDA076535R1
EAN	8015644812706
Catalog Description	XT2H 160 MA 160 Im=960...2240 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA lu 160 A I3=960...2240 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 58.1 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2348
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target

Toxic Substances Control Act - TSCA	9AKK108467A8326
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Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1891
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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	76c3fb93-74c8-4c4f-8efa-c97be460d858 Italy (IT)
Simplified SCIP	54af5d43-4c3c-4b0e-b1e6-c03baf65eb23 Norway (NO) 14ca9698-6954-4db9-9698-68b1f80e460b Finland (FI) 4e49d761-4b38-4abf-a927-b5fc76b9856a Poland (PL) 6351bbcb-0d43-42a7-a32e-6acf9b9d2cb2 Netherlands (NL) e2cc4a4e-fe52-42d4-8a3b-0e239da48580 Netherlands (NL) fc9a50eb-6ede-4e2c-b1a4-e8c496260a29 Netherlands (NL) bed26d31-0e8f-470e-8df4-d305af397ecc Germany (DE) ef3db785-4c53-4b72-b293-f2c8c44ddcf9 Denmark (DK) cd7633a2-2517-4107-a8dc-9b9fd0335b62 Germany (DE) 8c1a773b-3762-4555-88aa-646e6dcdf01a Croatia (HR) 212b2528-fb2b-4213-aa47-db45f5e6f1af Czech Republic (CZ) 23055d97-a8cb-43a8-aa87-c41931884c08 Poland (PL) 914d19d3-a38f-47cb-86a2-0585147d3975 Sweden (SE) 5a509ae0-2296-47c4-92d5-14b9b71a71bf Germany (DE) ffa22373-0db4-4c85-ae66-1ed620ea7c71 Germany (DE) 98c69e14-46d3-4534-9e3b-de2e8185c6e9 France (FR) fe1face4-e9a5-4c69-ad79-b1b01592d749 Netherlands (NL) 7cc34078-edb2-43f2-aa49-c4cc8178f33e Spain (ES) 2d432de3-333a-48f9-b4b6-a8cba6aa777b Greece (GR) b26107da-517a-4817-bea6-cef9beb729b9 Portugal (PT) b6673167-654d-405f-9d22-aef7e7be07a6 Bulgaria (BG) 61e7b788-412f-437a-978b-8ce6c02d702a Sweden (SE) 0de66c90-3c44-4eec-b027-affd2d08e626 Poland (PL) ad513e3d-793c-4016-9bf1-e7853b63107b France (FR) 12134684-bfb6-4931-abcf-5d602e8d2cc8 Netherlands (NL) b7f787ec-c3b4-4205-aaf6-7242451d9221 Estonia (EE)

Ordering

Order Code US and Canada	XT2HE3160MFF000XXX
EAN	8015644812706
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	1.638 kg
Package Level 1 EAN	8015644812706

Additional Information

Circuit Breaker Type to be Associated	Motor Protection
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	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 16.15 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	160 A
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_s)	960...2240 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) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 3 Poles in Series 70 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA

(250 V DC) 2 Poles in Series 70 kA
(500 V DC) 3 Poles in Series 70 kA

Rated Uninterrupted Current (I_u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	MA
Release Type	M
Short-Circuit Performance Level	H
Standards	IEC
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
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
IDEA Granular Category Code (IGCC)	4932 >> 3 Pole Non-Interchangeable Trip Electronic Circuit Breakers
Object Classification Code	Q
UNSPSC	39121616
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

