



PRODUCT-DETAILS

XT2S 160 MA 52 Im=314...728 3p F F

XT2S 160 MA 52 Im=314...728 3p F F



General Information	
Extended Product Type	XT2S 160 MA 52 Im=314...728 3p F F
Product ID	1SDA067767R1
EAN	8015644016630
Catalog Description	XT2S 160 MA 52 Im=314...728 3p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA lu 52 A I3=314...728 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
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

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	77db01fe-9355-4767-aa7d-4417dc97f417 Italy
Simplified SCIP	34a3a178-edd8-4523-ab4d-0f44f8128308 Portugal 80decc4e-c704-4d9c-a0d1-e1070f573320 Germany 95d9219d-b03c-4fa0-b6e0-cdc0896775fb Croatia 0108fb41-102c-4824-89d7-6f06ad86c2ad Germany fc2cb772-00ef-4c41-8c4c-9bcc14dd0612 Czech Republic 0bb06dd1-6185-410c-870f-c369bceafe43 France f0b80a2d-81ce-4757-a097-5fe7af0b350b Germany f09ecfab-bcb5-4579-b361-aa0b0164b2b2 Germany 9332ba23-18e0-4c11-adc1-dc8ed4ec2649 Denmark b442081d-3444-47f4-83c2-64446d9973de Sweden fff5fbd5-06cd-40f0-a9cd-b15b909d4f69 Poland 8527ed4f-f432-4326-9994-09286d13ad14 Poland 1d821a0b-b797-41d0-9be9-076da3751210 France 5645c71c-30d3-41d1-b1e0-211e8b0a381b Germany 0f7cb6ff-cb63-403f-98dd-1d7f6ee2f6c1 Hungary 7c7719c9-d84e-4e60-830d-95e5f43d12c3 Poland 84d74b20-f129-4147-abf1-3a7c323553ee Finland 960cef59-a68b-47cb-b31c-682697bd4d85 Netherlands 129ef7b1-2631-4a6b-9b4d-54234fa5f8fd Sweden 4146b907-3584-4cfb-8ecc-9aaf7cea5ffe Norway b8572e54-c09b-44ee-a59f-70ad23ba3612 Bulgaria 0686a2e9-8cb1-41ad-94a3-98fcb9714a2 Belgium 76c223e9-2ce2-4bcf-9894-327db4b82ca5 Estonia 488ce69b-d609-47fa-a428-55ecb7344a7d Greece 0da69d71-d758-48fe-843f-bd79903f4409 Belgium b5350df3-6052-4c4b-9221-17866d92bfcc Hungary efa74085-a983-46f5-a199-a28eb31a6650 Spain

Environmental

Environmental Information	9AKK108467A6707
---------------------------	-----------------

Ordering

Order Code US and Canada	XT2SE3052MFF000XXX
E-Number (Finland)	3602485
E-Number (Norway)	4379378
EAN	8015644016630
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth /	82.5 mm

Length

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	1.678 kg
Package Level 1 EAN	8015644016630

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 4.8 W
Rated Current (I _n)	52 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	312...728 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) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA

	(500 V AC) 36 kA
	(525 V AC) 25 kA
	(690 V AC) 12 kA
	(250 V DC) 2 Poles in Series 50 kA
	(500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 85 kA
	(230 V AC) 85 kA
	(240 V AC) 85 kA
	(380 V AC) 50 kA
	(415 V AC) 50 kA
	(440 V AC) 50 kA
	(500 V AC) 36 kA
	(525 V AC) 25 kA
	(690 V AC) 12 kA
	(250 V DC) 2 Poles in Series 50 kA
	(500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u)	160 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	MA
Release Type	M
Short-Circuit Performance Level	S
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 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)

Categories

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

