



PRODUCT-DETAILS

XT2H 160 TMA 160-1600 4p F F InN=100%

XT2H 160 TMA 160-1600 4p F F InN=100%



General Information	
Extended Product Type	XT2H 160 TMA 160-1600 4p F F InN=100%
Product ID	1SDA067627R1
EAN	8015644015237
Catalog Description	XT2H 160 TMA 160-1600 4p F F InN=100%
Long Description	C.BREAKER TMAX XT2H 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 160 I3=800...1600 A FULLY RATED NEUTRAL

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	faa3f41f-8e61-4b91-a07b-0511a963944a Italy
Simplified SCIP	2e51e907-83e6-4d78-b1fd-6671f669fe1c Germany 60a571f5-3995-40b3-bb49-1f11025e1807 Norway c5ed6e67-4749-4b2d-932d-f3ef7de7429e Finland dea9951f-fe91-4b90-a5ac-4c4b9aa83f4d Netherlands 2fb06f6f-179e-4c09-8639-d4d63fecc4a1 Germany 1ead897c-f009-4721-a055-fb14f0466a41 Denmark aab8bcc9-e7a8-41b6-9b79-8c4a80db47e7 Netherlands d31902ec-b49c-488c-8549-32b80cc76379 Netherlands adaceaea-852c-429a-8d3e-671ac095aa06 Estonia 5e7686f0-862d-484f-a2bb-643aec8a2b32 Greece 3f6eb64c-9ef0-43b2-b18c-bf5730a12049 Portugal 570d9a49-b217-4f41-ae89-8d7cefbacc00 Germany d8cda10f-1790-4ebf-b4f3-be09afda7e3e Croatia 7f4a32e3-1b4f-4d23-9f5d-d3bb9c4f57dc Czech Republic ab6edb75-3838-4598-9763-3b0f985814a8 Poland 58b1600a-81c9-49d9-ad45-879c5081e6e8 Germany f48e9ad7-4c91-4613-a6f1-d071cce66ee6 Germany bba7cff5-5854-4af1-b8a0-591df187d1c6 France de3ffc45-8d4a-4112-a65f-649200337fee Netherlands 8abb20d7-4a55-4921-a3f3-5c6c59b130bb Spain 31fd3c19-6def-462b-8679-a424495abf89 Netherlands 4112504e-f9ca-4eb0-91fe-eeec620426ec Bulgaria f90e61fc-0e9b-4145-aeb0-bff1c6ea6a91 Sweden 25c39475-3da8-418b-bdaa-b30159b9c9ae Poland 95c15571-9d49-4e79-ab92-f4228c724cdd France 356a6754-a76d-4f59-ac81-3ce4e44deb82 Sweden c1481159-c29c-431d-9a47-5e94a08d116c Poland

Environmental

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

Ordering

Order Code US and Canada	XT2HE4160BFF000XXX
E-Number (Norway)	4379618
EAN	8015644015237
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm

Product Net Weight	1.6 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	2.101 kg
Package Level 1 EAN	8015644015237

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	1SDH002230A1002

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	4P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 16.15 W
Rated Current (I _N)	160 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	800...1600 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

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(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
	(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
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	TMA
Release Type	TM
Setting Range	112...160 A
Short-Circuit Performance Level	H
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

