

PRODUCT-DETAILS

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

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 Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

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	faa3f41f-8e61-4b91-a07b-0511a963944a Italy (IT)
Simplified SCIP	60a571f5-3995-40b3-bb49-1f11025e1807 Norway (NO) c5ed6e67-4749-4b2d-932d-f3ef7de7429e Finland (FI) dea9951f-fe91-4b90-a5ac-4c4b9aa83f4d Netherlands (NL) 2fb06f6f-179e-4c09-8639-d4d63fecc4a1 Germany (DE) 1ead897c-f009-4721-a055-fb14f0466a41 Denmark (DK) aab8bcc9-e7a8-41b6-9b79-8c4a80db47e7 Netherlands (NL) d31902ec-b49c-488c-8549-32b80cc76379 Netherlands (NL) adaceaea-852c-429a-8d3e-671ac095aa06 Estonia (EE) 5e7686f0-862d-484f-a2bb-643aec8a2b32 Greece (GR) 3f6eb64c-9ef0-43b2-b18c-bf5730a12049 Portugal (PT) 570d9a49-b217-4f41-ae89-8d7cefbacc00 Germany (DE) d8cda10f-1790-4ebf-b4f3-be09afda7e3e Croatia (HR) 7f4a32e3-1b4f-4d23-9f5d-d3bb9c4f57dc Czech Republic (CZ) ab6edb75-3838-4598-9763-3b0f985814a8 Poland (PL) 58b1600a-81c9-49d9-ad45-879c5081e6e8 Germany (DE) f48e9ad7-4c91-4613-a6f1-d071cce66ee6 Germany (DE) bba7cff5-5854-4af1-b8a0-591df187d1c6 France (FR) de3ffc45-8d4a-4112-a65f-649200337fee Netherlands (NL) 8abb20d7-4a55-4921-a3f3-5c6c59b130bb Spain (ES) 31fd3c19-6def-462b-8679-a424495abf89 Netherlands (NL) 4112504e-f9ca-4eb0-91fe-eeec620426ec Bulgaria (BG) f90e61fc-0e9b-4145-aeb0-bff1c6ea6a91 Sweden (SE) 25c39475-3da8-418b-bdaa-b30159b9c9ae Poland (PL) 95c15571-9d49-4e79-ab92-f4228c724cdd France (FR) 356a6754-a76d-4f59-ac81-3ce4e44deb82 Sweden (SE) c1481159-c29c-431d-9a47-5e94a08d116c Poland (PL)

Ordering

Order Code US and Canada	XT2HE4160BFF000XXX
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
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	4
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 Frequency (f)	50 / 60 Hz
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_s)	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 (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	TMA
Release Type	TM
Setting Range	112...160 A
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	1SDH002230A1002

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

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
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

