



PRODUCT-DETAILS

XT2S 160 TMA 100-1000 4p F F

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General Information

Extended Product Type	XT2S 160 TMA 100-1000 4p F F
Product ID	1SDA067579R1
EAN	8015644014759
Catalog Description	XT2S 160 TMA 100-1000 4p F F
Long Description	C.BREAKER TMAX XT2S 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 100 I3=500...1000 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
Recyclability Rate	
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	9AKK108469A1856 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	3ab5640d-37fb-4cae-81f8-cfec9c602b02 Italy (IT)
Simplified SCIP	2d089f31-cb88-4915-8170-59efad6bb39d Germany (DE) 1682bfc3-bfff-4b4b-b66a-f09c758ac429 Netherlands (NL) 72d025f7-fcb6-4240-9b25-35ee1675e21d Bulgaria (BG) ce33effe-16fc-4560-8618-61463d052835 Sweden (SE) e6b22c86-4c0f-49bf-b640-50bed22d6edd Poland (PL) 2991b0f8-1acd-4a14-897e-6916f60b24fd France (FR) 9db1cdbe-c313-47ba-a0b2-7ceef06aa1f1 Poland (PL) ec8b4785-15d3-444c-85c8-3680b3822b0c Norway (NO) 43ee3bd3-b26d-4a36-ab66-efb14b09a97d Finland (FI) 08fe280f-9a1b-4882-bcc6-478ef91fea5c Netherlands (NL) 791cd437-8385-410e-a7b9-97f8e56bea72 Germany (DE) 5d2d5d65-fa86-4380-b01b-4bb882cbe325 Netherlands (NL) d385cc2f-5f88-42bf-a647-9ddb3d4530ef Netherlands (NL) f9807cb5-3cd9-41a0-9a89-948a9ffc334c Poland (PL) bf1635c3-de67-446a-8dd4-aaa10a6e2f7f Sweden (SE) c072697a-9563-4ec0-a80d-00b1c942044f Germany (DE) 08e7fa02-2acd-4bf3-93a7-cc9f03ad363c Germany (DE) ed427cf6-fcf7-4c40-a60b-d21a72d4c839 France (FR) 46d51828-4bb9-4245-9535-1c58e21954ba Netherlands (NL) 293861c1-a0df-49d4-b2f0-05d2adf8bd36 Spain (ES) 5116c9d0-6ced-48b9-a24c-7c804e156a57 Estonia (EE) c215591f-8132-4d7e-963d-b82ca6d8fa82 Greece (GR) c37f9121-d2ca-4d88-b85a-792a5e81795e Portugal (PT) fe667a36-bf30-4170-a9a6-2b48fa5c0106 Denmark (DK) 2784b2c1-3172-4b77-95d3-e16b44fec3b0 Germany (DE) 0d8519f1-4f4a-431b-87bf-9963601202cd Croatia (HR) 80e6f324-02d5-4391-b66c-67b0ba5a86f9 Czech Republic (CZ)

Ordering

Order Code US and Canada	XT2SE4100BFF000XXX
E-Number (Finland)	3640599
EAN	8015644014759
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	1.45 kg

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	131 mm
Package Level 1 Height	212 mm
Package Level 1 Depth / Length	147 mm
Package Level 1 Gross Weight	1.55 kg
Package Level 1 EAN	8015644014759

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 8.08 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	100 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)	500...1000 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

Recommended Screw Driver	Main Circuit M6
Release	TMA
Release Type	TM
Setting Range	70...100 A
Short-Circuit Performance Level	S
Standards	IEC60947-2
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

