



PRODUCT-DETAILS

XT1C 160 TMD 160-1600 4p F F InN=100%

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General Information	
Extended Product Type	XT1C 160 TMD 160-1600 4p F F InN=100%
Product ID	1SDA067410R1
EAN	8015644013042
Catalog Description	XT1C 160 TMD 160-1600 4p F F InN=100%
Long Description	C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2347

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	9AKK108468A1890 9AKK108468A7793
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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	b3a6e17d-8853-4b28-96d6-13ac4a29e0af Italy (IT)
Simplified SCIP	e4ed785f-3095-4d3c-b8a8-3d1f751265d4 Germany (DE) 64316cdd-7ef1-48e6-8210-8cd7634e6115 Poland (PL) ddf5c063-a647-4dfc-8837-7781de6c5035 France (FR) 0cbd6a1f-8fbe-4ce7-b86c-d905abce4e78 Sweden (SE) 46fc09a7-c01c-4a86-8c86-1e15db9ddddd Greece (GR) 4d2c1e03-1026-4a24-a714-ba61c1b1ae4e Portugal (PT) 573806cd-5dc7-4a36-b2c9-3af14e648b64 Bulgaria (BG) f2cec4b9-6375-4b09-a143-cbfcc2ccd71e Sweden (SE) 74afcc10-c8eb-4b64-826f-c6e09a31053c Norway (NO) 87552666-a6c6-4548-a8e5-40917c1b57dc Finland (FI) 249250e9-16fb-4336-840d-3ddc106220b0 Netherlands (NL) 4a1567df-fca8-4001-a5f2-636daa499d03 Germany (DE) 3bd810fd-8f98-4a28-a7a5-d48686d3b52f Denmark (DK) 1089ac8c-be20-4529-88f1-e56272ee5745 Germany (DE) 9f570cc2-9e42-4bc1-a196-c64493922610 Croatia (HR) 9ca7775f-04be-4da1-95fd-8425bed150ad Czech Republic (CZ) d9af99e0-6e58-4be1-b105-7d6331de21e1 Poland (PL) cc8e596f-2606-4b6a-9f71-e1624c107c2a Netherlands (NL) 02115938-fed4-4469-bc5b-6f21ac2250c7 Netherlands (NL) 56e9af4f-b0db-42d7-8296-ae9b206e45bd Estonia (EE) 4d2c1e03-1026-4a24-a714-ba61c1b1ae4e Portugal (PT) 4e4b3496-d89c-46fc-b3d7-7c3014c9ae11 Germany (DE) 04bf539e-4478-4a6d-b752-29b131601c1a Germany (DE) 5002da91-49cf-4761-8f5b-0ab42e5e7bdc France (FR) 12f6c623-68ef-4936-b8a9-228e974c7950 Netherlands (NL) 11f40390-af61-4605-91a7-7be6ad1a47a4 Spain (ES) 5e4194ae-657e-453f-bdf9-c3df7d1918b0 Netherlands (NL) 46fc09a7-c01c-4a86-8c86-1e15db9ddddd Greece (GR) 573806cd-5dc7-4a36-b2c9-3af14e648b64 Bulgaria (BG) f2cec4b9-6375-4b09-a143-cbfcc2ccd71e Sweden (SE) 5e4194ae-657e-453f-bdf9-c3df7d1918b0 Netherlands (NL) 64316cdd-7ef1-48e6-8210-8cd7634e6115 Poland (PL) ddf5c063-a647-4dfc-8837-7781de6c5035 France (FR) 0cbd6a1f-8fbe-4ce7-b86c-d905abce4e78 Sweden (SE) 4e4b3496-d89c-46fc-b3d7-7c3014c9ae11 Germany (DE) 04bf539e-4478-4a6d-b752-29b131601c1a Germany (DE) 5002da91-49cf-4761-8f5b-0ab42e5e7bdc France (FR) 12f6c623-68ef-4936-b8a9-228e974c7950 Netherlands (NL) 11f40390-af61-4605-91a7-7be6ad1a47a4 Spain (ES) ff3838eb-1489-4dd2-b38a-8d6e6fb45332 Poland (PL) 74afcc10-c8eb-4b64-826f-c6e09a31053c Norway (NO) 87552666-a6c6-4548-a8e5-40917c1b57dc Finland (FI) 249250e9-16fb-4336-840d-3ddc106220b0 Netherlands (NL) 4a1567df-fca8-4001-a5f2-636daa499d03 Germany (DE) 3bd810fd-8f98-4a28-a7a5-d48686d3b52f Denmark (DK) 1089ac8c-be20-4529-88f1-e56272ee5745 Germany (DE) 9f570cc2-9e42-4bc1-a196-c64493922610 Croatia (HR) 9ca7775f-04be-4da1-95fd-8425bed150ad Czech Republic (CZ) d9af99e0-6e58-4be1-b105-7d6331de21e1 Poland (PL) cc8e596f-2606-4b6a-9f71-e1624c107c2a Netherlands (NL) 02115938-fed4-4469-bc5b-6f21ac2250c7 Netherlands (NL) 56e9af4f-b0db-42d7-8296-ae9b206e45bd Estonia (EE) ff3838eb-1489-4dd2-b38a-8d6e6fb45332 Poland (PL)

Ordering	
Order Code US and Canada	XT1CE4160AFF000XXX
EAN	8015644013042
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions	
Product Net Width	101.6 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.4 kg

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	128 mm
Package Level 1 Height	135 mm
Package Level 1 Depth / Length	143 mm
Package Level 1 Gross Weight	1.454 kg
Package Level 1 EAN	8015644013042

Additional Information	
Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 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 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_l)	1600 A
Rated Insulation Voltage (U_i)	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity	(220 V AC) 40 kA (230 V AC) 40 kA

(I _{cs})	(240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 12.5 kA (500 V AC) 9 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 40 kA (230 V AC) 40 kA (240 V AC) 40 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 25 kA (500 V AC) 18 kA (525 V AC) 8 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
RoHS Date	NA
Setting Range	112...160 A
Short-Circuit Performance Level	C
Standards	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0080

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
GL Certificate	1SDL000163R0103
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000719R0100
Mechanical Drawings	1SDH000719R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000719R0001

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

