

PRODUCT-DETAILS

XT1N 160 TMD 63-630 4p F F

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General Information

Extended Product Type	XT1N 160 TMD 63-630 4p F F
Product ID	1SDA067422R1
EAN	8015644013165
Catalog Description	XT1N 160 TMD 63-630 4p F F
Long Description	C.BREAKER TMAX XT1N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 63-630 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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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

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	2939a495-94f9-4df0-8d09-b4cba9a7f42d Italy (IT)
Simplified SCIP	4bd11e1d-ff97-4501-9a00-ef7d79cddb22 Portugal (PT) 011ef0f3-3c0b-4c15-ba84-f08d30654c92 Bulgaria (BG) a1696877-1e77-4c91-8b04-a5884484b9fd Sweden (SE) 80cc1f53-865f-4127-b5cf-7fdf2da1c3d3 Poland (PL) 0ca8500a-7b2d-42de-bb8f-88b2b37b77b5 Norway (NO) f255df08-29c5-4eb8-b909-ca0458f42e22 Finland (FI) 0aa80ded-6cd3-45d7-a85a-8452f513e774 Netherlands (NL) 11c3cc78-2daf-46f8-8e0c-62a65394b065 Germany (DE) 22989b0b-d684-4f76-9344-31069da595f9 Estonia (EE) 96e1028e-8f81-4ea8-b646-4352edbf8bd3 Greece (GR) 4bd11e1d-ff97-4501-9a00-ef7d79cddb22 Portugal (PT) 835afb38-6457-4e0a-b269-af612e770984 Sweden (SE) b9f21ee6-ba4b-4ca8-be2f-8e900f877587 Germany (DE) 9ff49ab2-0c21-45d9-83cc-710dd431a944 Germany (DE) 48d6d7f6-f1f3-44a6-abf6-3e5edd1dd7e1 France (FR) 78bc6da9-ab27-4b87-bbad-75d9b1934ee4 Denmark (DK) 216e98ed-7c85-46e2-b89b-b4831def4243 Germany (DE) ab426f0d-e487-40d4-9b85-9b185357d746 Croatia (HR) 5a8a2d93-1a6b-40a9-83a2-5b6b975fcb44 Czech Republic (CZ) 25b44094-4613-4582-a00b-55928a573558 Poland (PL) 8db77469-eb15-415f-a9d5-ac2653486444 Netherlands (NL) fdc61351-732a-4076-b45a-38d4b72e87e3 Netherlands (NL) 62a53cdd-bc77-42af-880b-80ab5c815de8 Netherlands (NL) 6aaf5f75-4da4-415d-866f-2ac9fb2072b5 Poland (PL) 25a10820-1bb6-4561-9456-5d374ac5f0e5 France (FR) 470dbb81-2480-4117-837c-89f4864cd3bb Spain (ES) 24f5fd2d-9774-4a24-8f53-1de373d7fc40 Netherlands (NL) 011ef0f3-3c0b-4c15-ba84-f08d30654c92 Bulgaria (BG) a1696877-1e77-4c91-8b04-a5884484b9fd Sweden (SE) 24f5fd2d-9774-4a24-8f53-1de373d7fc40 Netherlands (NL) 6aaf5f75-4da4-415d-866f-2ac9fb2072b5 Poland (PL) 25a10820-1bb6-4561-9456-5d374ac5f0e5 France (FR) 835afb38-6457-4e0a-b269-af612e770984 Sweden (SE) b9f21ee6-ba4b-4ca8-be2f-8e900f877587 Germany (DE) 9ff49ab2-0c21-45d9-83cc-710dd431a944 Germany (DE) 48d6d7f6-f1f3-44a6-abf6-3e5edd1dd7e1 France (FR) 62a53cdd-bc77-42af-880b-80ab5c815de8 Netherlands (NL) 470dbb81-2480-4117-837c-89f4864cd3bb Spain (ES) 80cc1f53-865f-4127-b5cf-7fdf2da1c3d3 Poland (PL) 0ca8500a-7b2d-42de-bb8f-88b2b37b77b5 Norway (NO) f255df08-29c5-4eb8-b909-ca0458f42e22 Finland (FI) 0aa80ded-6cd3-45d7-a85a-8452f513e774 Netherlands (NL) 11c3cc78-2daf-46f8-8e0c-62a65394b065 Germany (DE) 78bc6da9-ab27-4b87-bbad-75d9b1934ee4 Denmark (DK) 216e98ed-7c85-46e2-b89b-b4831def4243 Germany (DE) ab426f0d-e487-40d4-9b85-9b185357d746 Croatia (HR) 5a8a2d93-1a6b-40a9-83a2-5b6b975fcb44 Czech Republic (CZ) 25b44094-4613-4582-a00b-55928a573558 Poland (PL) 8db77469-eb15-415f-a9d5-ac2653486444 Netherlands (NL) fdc61351-732a-4076-b45a-38d4b72e87e3 Netherlands (NL) 22989b0b-d684-4f76-9344-31069da595f9 Estonia (EE) 96e1028e-8f81-4ea8-b646-4352edbf8bd3 Greece (GR)

Ordering

Order Code US and Canada	XT1NE4063AFF000XXX
E-Number (Finland)	3640542

E-Number (Sweden)	3182420
EAN	8015644013165
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	1.465 kg
Package Level 1 EAN	8015644013165

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 4.3 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	63 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_i)	630 A
Rated Insulation Voltage (U_i)	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(500 V AC) 15 kA
	(525 V AC) 11 kA
	(690 V AC) 5 kA
	(250 V DC) 2 Poles in Series 36 kA
	(500 V DC) 3 Poles in Series 36 kA
	(220 V AC) 65 kA
	(230 V AC) 65 kA
	(240 V AC) 65 kA
	(380 V AC) 36 kA
	(415 V AC) 36 kA
	(440 V AC) 36 kA
	(500 V AC) 30 kA
	(525 V AC) 22 kA
	(690 V AC) 6 kA
	(250 V DC) 2 Poles in Series 36 kA
	(500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	44.1...63 A
Short-Circuit Performance Level	N
Standards	IEC
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

