



PRODUCT-DETAILS

XT1N 160 TMD 63-630 4p F F

XT1N 160 TMD 63-630 4p F F



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

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

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	14654c61-b8e6-4026-99b2-75b9927e6a67 Germany (DE) 4bd11e1d-ff97-4501-9a00-ef7d79cbdb22 Portugal (PT) 011ef0f3-3c0b-4c15-ba84-f08d30654c92 Bulgaria (BG) a1696877-1e77-4c91-8b04-a5884484b9fd Sweden (SE) 80cc1f53-865f-4127-b5cf-7fdf2da1c3d3 Poland (PL) Oca8500a-7b2d-42de-bb8f-88b2b37b77b5 Norway (NO) f255df08-29c5-4eb8-b909-ca0458f42e22 Finland (FI) Oaa80ded-6cd3-45d7-a85a-8452f513e774 Netherlands (NL) 11c3cc78-2daf-46f8-8e0c-62a65394b065 Germany (DE) 22989b0b-d684-4f76-9344-31069da595f9 Estonia (EE) 96e1028e-8f81-4ea8-b646-4352edb8bd3 Greece (GR) 4bd11e1d-ff97-4501-9a00-ef7d79cbdb22 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-40a9-83a2-5b6b975fcb4 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) Oca8500a-7b2d-42de-bb8f-88b2b37b77b5 Norway (NO) f255df08-29c5-4eb8-b909-ca0458f42e22 Finland (FI) Oaa80ded-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-40a9-83a2-5b6b975fcb4 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 (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
Rated Ultimate Short- Circuit Breaking Capacity (I _{cu})	(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	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	9AKK106713A5532

Conformity - CE	
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

