

PRODUCT-DETAILS

XT1B 160 TMD 63-630 4p F F

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General Information

Extended Product Type	XT1B 160 TMD 63-630 4p F F
Product ID	1SDA066816R1
EAN	8015644007232
Catalog Description	XT1B 160 TMD 63-630 4p F F
Long Description	C.BREAKER TMAX XT1B 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	7e73f8c2-9fcf-46fd-8ce8-8ff3065446c7 Italy (IT)
Simplified SCIP	2b4cd088-0d46-4c30-bb6a-fb441b7fb7fb Poland (PL) b7062f07-5e00-42af-9950-e858adf3f3bd Norway (NO) 3f87f6c9-8b2b-4ba3-84e7-e4bf7c4dbc7c Finland (FI) b0f1fc93-a34d-458d-8e5e-7e6c7fda2025 Netherlands (NL) 0994645c-6924-49ce-aa7d-e31f5e03f896 Germany (DE) 11a258b4-39ac-46b4-8a4c-aeed35ebf9da Denmark (DK) 7998dd24-22f6-40bf-90a9-f95105e027b1 Germany (DE) 1380dbaa-9f5b-4c5a-a7f2-568dc4c78999 Croatia (HR) 5ffe1b0a-3c9a-42c4-861e-3d907b4f9fa3 Czech Republic (CZ) 6abaabeb-16c8-4cb6-aef2-7390cbe2b1da Poland (PL) 32be922d-f98f-47fe-9186-edcf13f4f64b Netherlands (NL) 54b32461-e46b-4996-bcf2-3f2b76dbdd71 Netherlands (NL) 43eb203d-6065-412f-b732-744eae5e5eb0 Estonia (EE) c4908d83-b7ef-4b8d-8997-e74109d80de6 Greece (GR) 320d11f0-a17d-4e87-a794-375d391e75f4 Portugal (PT) e6eb8d27-f481-4de3-a533-d3fe70af7f6a Bulgaria (BG) 34915fc1-7263-488f-b83f-da09bdd995be Sweden (SE) a540bb0a-5c6d-479d-8984-36b5f089d8a7 Poland (PL) c3e3417c-d555-4879-9f50-f327aba9cc45 France (FR) cf23ebf3-cbe3-4128-a848-761e96a2adb6 Sweden (SE) 89e58f18-2822-40de-b715-47eeb3764a40 Germany (DE) 4f114a61-8884-4a65-a44a-0c453d2e1ada Germany (DE) 8e0863a3-ad22-4ce7-983c-ea3d4580aac7 France (FR) 61686ad8-6b0e-43f3-b96a-9777eabf3f98 Netherlands (NL) 1f1f32e9-0f0b-4294-84ff-23fee2cdc5ab Spain (ES) 72846ad8-efea-488f-9610-a0ce79670d85 Netherlands (NL)

## Ordering

Order Code US and Canada	XT1BE4063AFF000XXX
E-Number (Finland)	3638196
EAN	8015644007232
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 /	143 mm

Length	
Package Level 1 Gross Weight	1.43 kg
Package Level 1 EAN	8015644007232

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 <sub>n</sub> )	63 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>s</sub> )	630 A
Rated Insulation Voltage (U <sub>i</sub> )	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11.25 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (525 V AC) 6 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I <sub>u</sub> )	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	44.1...63 A
Short-Circuit Performance	B

Level	
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

