



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

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	7e73f8c2-9fcf-46fd-8ce8-8ff3065446c7 Italy (IT)
Simplified SCIP	44cb4be4-a1b4-471c-80e4-5307577945cb Germany (DE) 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 / Length	143 mm
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_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) 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_{cu})	(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_u)	160 A

Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	44.1...63 A
Short-Circuit Performance Level	B
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

