

PRODUCT-DETAILS

XT1B 160 TMD 63-630 3p F F

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General Information	
Extended Product Type	XT1B 160 TMD 63-630 3p F F
Product ID	1SDA066805R1
EAN	8015644694470
Catalog Description	XT1B 160 TMD 63-630 3p F F
Long Description	C.BREAKER TMAX XT1B 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 63-630 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
Principles Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2347
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target	
Toxic Substances	9AKK108467A8326
Control Act - TSCA	

Eco Transparency

Environmental Product	9AKK108468A1890
Declaration - EPD	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	377a9c61-7755-44c1-97ff-a07aff56de9b Italy (IT)
Simplified SCIP	daa01f6d-1f3e-4502-af6c-0af85208954c France (FR) cdf3a55e-573c-4e5f-9073-888525925d22 Sweden (SE) d50e69f4-3b07-4b77-8c24-aa3b9f65ba99 Germany (DE) 461979f8-a2e7-4c07-b7a8-1728bc14a555 Germany (DE) 957cd3ec-bfde-4be3-b8df-3b6f3838373f France (FR) 163d5b2f-de04-4a5b-ae2b-a1ebbc7fe914 Netherlands (NL) 81b3c985-b241-435c-8df6-0a584b927c14 Spain (ES) 427d8ee9-7e25-405c-a7f4-e848305aad8b Netherlands (NL) 01b87aaa-b947-4047-a80d-782b44892605 Estonia (EE) cf3f2f86-1bad-444c-8269-0e9f91157c9c Greece (GR) 086834cb-61eb-4fa3-93fd-52c04adbaf77 Portugal (PT) 20059d7b-e633-4722-a642-9f0af013a7f9 Bulgaria (BG) 3d72fe1b-17d0-4aaf-b98c-b1052d324abb Sweden (SE) 4c6c4237-6ab3-486d-85da-810ae805ab09 Poland (PL) d1a2266e-fb4f-4b1b-a238-aa97da55dca0 Germany (DE) a933ee30-b187-4bbb-8496-a75ed35945ef Denmark (DK) f8ef55b6-40f1-4987-b02e-0cc1abc70db1 Germany (DE) 1dfd8bb1-512d-4648-b1ec-2824cf82b27f Croatia (HR) 47d2c496-8e17-438c-86d2-3e5d4828c553 Czech Republic (CZ) 91f97945-0df9-4bcf-8bed-a81030f98474 Poland (PL) ced992aa-980d-40fa-b367-b8a962eeb016 Netherlands (NL) 4d7da6aa-719c-43fd-a6f6-2f6fe4924477 Poland (PL) 14709c0d-402b-47ae-8722-84da0e53b6f6 Norway (NO) 7368f8f4-2303-4d60-9b04-464610d2de5f Finland (FI) 45874c47-f550-4a1e-90be-21f9464539b2 Netherlands (NL) 2d311423-3743-428f-b5b0-ff09fd98627c Netherlands (NL)

Ordering

Order Code US and Canada	XT1BE3063AFF000XXX
E-Number (Finland)	3602496
EAN	8015644694470
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm

Product Net Weight	1.1 kg
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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	1.135 kg
Package Level 1 EAN	8015644694470

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	3
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>i</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
RoHS Date	NA
Setting Range	44.1...63 A
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH001295R0008

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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

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## Categories

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

