



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

Material Compliance	
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	377a9c61-7755-44c1-97ff-a07aff56de9b Italy
Simplified SCIP	86faf432-330b-45a6-841a-9df0d6acd302 Germany daa01f6d-1f3e-4502-af6c-0af85208954c France cdf3a55e-573c-4e5f-9073-888525925d22 Sweden d50e69f4-3b07-4b77-8c24-aa3b9f65ba99 Germany 461979f8-a2e7-4c07-b7a8-1728bc14a555 Germany 957cd3ec-bfde-4be3-b8df-3b6f3838373f France 163d5b2f-de04-4a5b-ae2b-a1ebbc7fe914 Netherlands 81b3c985-b241-435c-8df6-0a584b927c14 Spain 427d8ee9-7e25-405c-a7f4-e848305aad8b Netherlands 01b87aaa-b947-4047-a80d-782b44892605 Estonia cf3f2f86-1bad-444c-8269-0e9f91157c9c Greece 086834cb-61eb-4fa3-93fd-52c04adbaf77 Portugal 20059d7b-e633-4722-a642-9f0af013a7f9 Bulgaria 3d72fe1b-17d0-4aaf-b98c-b1052d324abb Sweden 4c6c4237-6ab3-486d-85da-810ae805ab09 Poland d1a2266e-fb4f-4b1b-a238-aa97da55dca0 Germany a933ee30-b187-4bbb-8496-a75ed35945ef Denmark f8ef55b6-40f1-4987-b02e-0cc1abc70db1 Germany 1dfdabb1-512d-4648-b1ec-2824cf82b27f Croatia 47d2c496-8e17-438c-86d2-3e5d4828c553 Czech Republic 91f97945-0df9-4bcf-8bed-a81030f98474 Poland ced992aa-980d-40fa-b367-b8a962eeb016 Netherlands 4d7da6aa-719c-43fd-a6f6-2f6fe4924477 Poland 14709c0d-402b-47ae-8722-84da0e53b6f6 Norway 7368f8f4-2303-4d60-9b04-464610d2de5f Finland 45874c47-f550-4a1e-90be-21f9464539b2 Netherlands 2d311423-3743-428f-b5b0-ff09fd98627c Netherlands

Environmental	
Environmental Information	9AKK108467A6707

Ordering	
Order Code US and Canada	XT1BE3063AFF000XXX
E-Number (Finland)	3602496
E-Number (Norway)	4309606
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 /	70 mm

Length

Product Net Weight 1.1 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	1.135 kg
Package Level 1 EAN	8015644694470

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001295R0008

Technical

Connecting Capacity Main Circuit	Busbar 45.5 ... 80 mm ²
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.3 W
Rated Current (I _N)	63 A
Rated Frequency (f)	50 / 60 Hz
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
Rated Voltage (U_r)	690 V
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

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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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)

Categories

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

