



PRODUCT-DETAILS

# XT1B 160 TMD 63-630 3p F F

## XT1B 160 TMD 63-630 3p F F



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 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
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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	377a9c61-7755-44c1-97ff-a07aff56de9b Italy (IT)
Simplified SCIP	86faf432-330b-45a6-841a-9df0d6acd302 Germany (DE) 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-52c04adba777 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) 1dfdbbb1-512d-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

### 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 mm <sup>2</sup>
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 ( $I_{cu}$ )	(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
RoHS Date	NA
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	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

