



PRODUCT-DETAILS

XT1B 160 TMD 160-1600 3p F F

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General Information

Extended Product Type	XT1B 160 TMD 160-1600 3p F F
Product ID	1SDA066809R1
EAN	8015644694494
Catalog Description	XT1B 160 TMD 160-1600 3p F F
Long Description	C.BREAKER TMAX XT1B 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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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	4ff9b03b-1cf2-4837-8d24-93dc6121834d Italy (IT)
Simplified SCIP	376db5fd-877a-4d16-90ca-1445f9cc3141 Germany (DE) 4da9f204-50cc-48b7-b553-1da097a7c855 Finland (FI) d5ace655-c799-4282-b3ae-2598d9667b08 Netherlands (NL) a6bea1a2-aa2e-4fe2-bcab-e3f7f257dee4 Germany (DE) 9675f1d6-1131-47e6-bd74-fbc792671b86 Denmark (DK) 1c694b3b-5fe7-4a27-b730-11e35f757d5e Germany (DE) d7c05fd5-cc87-4458-8302-2f636925db52 Croatia (HR) ef885e92-d9b1-45c6-8cb6-c4ad6bb41325 Czech Republic (CZ) b47804c6-d053-4df3-b4c0-7c0fa2a57582 Poland (PL) 204e69d2-52b6-4c7b-82d5-984ad6f0f7a8 Norway (NO) 6b900579-62ee-4ae6-a47c-92aae85ceef4 Poland (PL) c5f40fc3-0ccb-4d26-9c25-78659538a6eb Germany (DE) 9c041414-51e7-418a-be70-326cd293602c Germany (DE) 3d472ef2-2bb2-43b6-ada4-c165d9ff695d France (FR) 6ab977b3-e668-479a-b7d7-7aafb217dbf7 Netherlands (NL) 83fa4ab8-1066-451f-a5c6-3227f47b9f96 Spain (ES) a788f342-f7f6-4916-be29-4fee5c9d7806 Netherlands (NL) 66fc5a77-91a7-4570-9d07-534457120ddc Netherlands (NL) 8bf595ce-3c04-4fb3-a7e8-898a7663ba35 Netherlands (NL) 66a3997e-83ef-40cf-ba5f-5ec5ca01372c Estonia (EE) ad0a0ab9-ebde-471a-9cb3-0296bc863d67 Greece (GR) ad2768e5-aa41-4d1e-8d83-bd13e0d23b34 Portugal (PT) 7b0da51d-f9cc-40f1-ac31-f8b0ab9af686 Bulgaria (BG) 8c92815f-fcb1-4f59-9a66-c01580e417a2 Sweden (SE) 845a2832-1626-48c6-b53d-7f7eaa93c390 Poland (PL) d1422ba9-8bd5-4eb1-a791-d8c3f4d6901f France (FR) e29f066c-15c8-4974-954d-4bc2a7fdaee4 Sweden (SE)

Ordering

Order Code US and Canada	XT1BE3160AFF000XXX
E-Number (Finland)	3638199
EAN	8015644694494
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	1.139 kg
Package Level 1 EAN	8015644694494

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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	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 15 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	160 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)	1600 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
RoHS Date	NA
Setting Range	112...160 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

Categories

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

