



PRODUCT-DETAILS

XT1B 160 TMD 160-1600 4p F F InN=100%

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General Information	
Extended Product Type	XT1B 160 TMD 160-1600 4p F F InN=100%
Product ID	1SDA066821R1
EAN	8015644007287
Catalog Description	XT1B 160 TMD 160-1600 4p F F InN=100%
Long Description	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 160-1600 A FULLY RATED NEUTRAL

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	dfffc0b3-275c-4afb-85d2-fb95dc5c1a90 Italy
Simplified SCIP	d8f3ceae-ac79-493c-abf5-30fb8f5c5fd8 Germany 07d83eab-e766-44eb-ade5-6f4efbf3d099 Poland 8d8ff8a0-f0fa-423d-b019-88da3d01f3c8 Norway 0df604d1-dea7-4d0b-b460-df618976cd0e Finland fbda3a53-01f7-4a6d-ab8d-ae4eff52baed Netherlands a3a08ef1-5cfc-4642-b459-3ffbcbf989b4 Germany 9ca0f39e-a1d5-4b5e-b628-3a858888df61 Denmark b2eb429f-aba8-4a51-8dec-22f5686f9ced Germany 13d894ec-98dc-4540-aa67-20ca86ae4636 Croatia 64e7ad0d-89db-41a1-b23f-a5c3e7543cf2 Czech Republic 3ca9d06b-7af7-4e1a-b458-44dd79e4166b Poland e1e8ccfd-e67e-46a5-9fa0-b5bbaf1ee632 Netherlands 1aee0c1b-19b1-49f6-8772-3e44b970c5e6 Netherlands b85c8bd5-b064-48bb-a79d-07712b1d3b74 Estonia 8fcb9348-1666-4fca-b96c-3fe1ff34398a Greece 97000770-294d-43c2-a581-b758391bce74 Portugal c7cc62ca-74b7-4858-9811-756a4541c687 Bulgaria 1d06ee5b-04b6-473c-ac30-79908273713a Sweden a55ab81b-f486-4cb9-bfec-974145cbaf3d Poland 23e3c382-3a3b-4708-a045-f10377c33a6b France 2ca0c4dc-5dfc-4ab4-a72a-f5ba8b518c91 Sweden bca5eac6-b106-47cf-b1fd-0f56213d94ba Germany cda3b236-f5ae-4c05-adbc-a026c1c8b322 Germany 6728e3db-d91f-4c09-9911-cf2c315015c1 France 605f2fd8-645d-4fab-b7db-cae0aaf621ff Netherlands 7a2eae21-ee98-44fe-ba3d-de24092dd143 Spain 3d17c99b-c081-4669-a654-d02e7277633f Netherlands

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT1BE4160AFF000XXX
E-Number (Norway)	4309710
EAN	8015644007287
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
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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	1.454 kg
Package Level 1 EAN	8015644007287

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	1SDH001295R0080

Technical

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	4P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 15 W
Rated Current (I _N)	160 A
Rated Frequency (f)	50 / 60 Hz
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

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(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
	(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
Rated Uninterrupted Current (I _u)	(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
	160 A
	690 V
	Main Circuit M6
	TMD
	TM
Rated Voltage (U _r)	
Recommended Screw Driver	
Release	
Release Type	
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

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 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)

Categories

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

