



PRODUCT-DETAILS

XT1B 160 TMD 125-1250 4p F F InN=100%

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General Information	
Extended Product Type	XT1B 160 TMD 125-1250 4p F F InN=100%
Product ID	1SDA066888R1
EAN	8015644007911
Catalog Description	XT1B 160 TMD 125-1250 4p F F InN=100%
Long Description	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 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	39b94bbb-fbdf-42a0-8567-a56d3fb8c22b Italy
Simplified SCIP	e09b3ee0-9864-4765-99d1-6f7e6e710adf Germany eed6294e-ec3f-4526-a755-13c0765126fb Poland 666e8cf3-a515-4baf-846b-e3e0099a1b57 Norway b924fb0a-dee7-48fb-9292-380259f2dc37 Finland cb637aa4-49a9-4fd6-8ddd-d872770ef718 Netherlands 094d9f86-f733-40fb-9e5e-23f7da9c9c71 Germany 333bc754-7502-47a8-854c-fe9e64bc7086 Denmark ae41d3e3-6b8a-483a-8df0-38fa03af00d5 Germany 750e6d42-bb4c-464d-9bde-d34a1085c6be Croatia b3bff1f6-be51-46e8-ae8-85ad560d410b Czech Republic 0ecbe786-0650-4c0d-97ba-400ae405b4c3 Poland 4cc1f192-86ac-4806-b927-1be30942bb87 Netherlands c764a24c-a96d-4d8f-bec0-e2f51518b1df Netherlands 7671e549-87a4-4cbc-bae0-9c108d422973 Estonia c171824a-23f4-421f-a37f-fb8abfb68eab Greece 85a96d89-dfd8-4947-bbb8-92d660aeaf5c Portugal 05ffd6fd-939e-4b18-8b18-e006bba03d93 Bulgaria 59489c45-5971-4f6f-8caf-a049eecd265f Sweden 9df70b79-7bd1-4a7e-bb0d-bc8691827525 Poland 02ee233c-63f6-4f00-8a05-1982e2fac87b France 18ba7d0d-0703-4074-92d0-cec0cad19cf8 Sweden 586c1d66-4d79-4b1e-9245-6a750cb66c85 Germany ffb06744-b25d-4af1-bdd8-d78c70718f6f Germany dbe70057-d962-4094-bf7e-9f640aba20cf France 3e9c5f0d-b1e9-4d23-a049-02ff4c8d2a0a Netherlands 24a6c4b2-c085-4105-9294-7826ee28ed36 Spain 12617b73-8e1f-4b38-9606-2a242c6f10cb Netherlands

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT1BE4125AFF000XXX
E-Number (Norway)	4309709
EAN	8015644007911
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	1.45 kg
Package Level 1 EAN	8015644007911

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 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	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 10.7 W
Rated Current (I _N)	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	1250 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
	Rated Voltage (U _r)
	690 V
	Recommended Screw Driver
	Main Circuit M6
Release	Release
	TMD
	Release Type
	TM
	Setting Range
	87.5...125 A
	Short-Circuit Performance Level
	B
	Standards
	IEC60947-2
Sub-type	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

