



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

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.9 %
End of Life Instructions	9AKK108468A2347
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
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Environmental

Environmental Information	9AKK108467A6707
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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 (IT)
Simplified SCIP	e09b3ee0-9864-4765-99d1-6f7e6e710adf Germany (DE) eed6294e-ec3f-4526-a755-13c0765126fb Poland (PL) 666e8cf3-a515-4baf-846b-e3e0099a1b57 Norway (NO) b924fb0a-dee7-48fb-9292-380259f2dc37 Finland (FI) cb637aa4-49a9-4fd6-8ddd-d872770ef718 Netherlands (NL) 094d9f86-f733-40fb-9e5e-23f7da9c9c71 Germany (DE) 333bc754-7502-47a8-854c-fe9e64bc7086 Denmark (DK) ae41d3e3-6b8a-483a-8df0-38fa03af00d5 Germany (DE) 750e6d42-bb4c-464d-9bde-d34a1085c6be Croatia (HR) b3bff1f6-be51-46e8-ae8-85ad560d410b Czech Republic (CZ) 0ecbe786-0650-4c0d-97ba-400ae405b4c3 Poland (PL) 4cc1f192-86ac-4806-b927-1be30942bb87 Netherlands (NL) c764a24c-a96d-4d8f-bec0-e2f51518b1df Netherlands (NL) 7671e549-87a4-4cbc-bae0-9c108d422973 Estonia (EE) c171824a-23f4-421f-a37f-fb8abfb68eab Greece (GR) 85a96d89-dfd8-4947-bbb8-92d660aeaf5c Portugal (PT) 05ffd6fd-939e-4b18-8b18-e006bba03d93 Bulgaria (BG) 59489c45-5971-4f6f-8caf-a049eedc265f Sweden (SE) 9df70b79-7bd1-4a7e-bb0d-bc8691827525 Poland (PL) 02ee233c-63f6-4f00-8a05-1982e2fac87b France (FR) 18ba7d0d-0703-4074-92d0-cec0cad19cf8 Sweden (SE) 586c1d66-4d79-4b1e-9245-6a750cb66c85 Germany (DE) ffb06744-b25d-4af1-bdd8-d78c70718f6f Germany (DE) dbe70057-d962-4094-bf7e-9f640aba20cf France (FR) 3e9c5f0d-b1e9-4d23-a049-02ff4c8d2a0a Netherlands (NL) 24a6c4b2-c085-4105-9294-7826ee28ed36 Spain (ES) 12617b73-8e1f-4b38-9606-2a242c6f10cb Netherlands (NL)

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

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	4
Opening Time	CB with SOR 15 ms CB with UVR 15 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 _s)	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 (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	(220 V AC) 25 kA (230 V AC) 25 kA (240 V AC) 25 kA

(I _{cu})	(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	87.5...125 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

Classifications

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)
eClass	V11.1 : 27370409

Categories

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

