



PRODUCT-DETAILS

XT1B 160 TMD 125-1250 3p F F

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General Information	
Extended Product Type	XT1B 160 TMD 125-1250 3p F F
Product ID	1SDA066808R1
EAN	8015644007157
Catalog Description	XT1B 160 TMD 125-1250 3p F F
Long Description	C.BREAKER TMAX XT1B 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 125-1250 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 (CMRT)	9AKK108467A5658
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	6774955b-d880-4def-9c74-19a93e0bae4c Italy (IT)
Simplified SCIP	c9218e91-3702-48c7-bafc-2a74747ba1b2 Germany (DE) 0d2150b0-2b95-48d1-ab50-aaa310de7cb0 Poland (PL) cee9d778-423b-4301-9f27-16e26d8be184 Norway (NO) 6b8f38c8-1ec2-4c2b-beeb-31ed145d161d Finland (FI) dcaf512d-d6f7-4e34-8d7c-982d94a7f49c Netherlands (NL) 97a89143-ee64-45d0-a21b-cfae8450263a Germany (DE) 2f5e5e2f-ab8d-4466-a2bd-3cb87ff7223e Denmark (DK) 2a4f90b7-7165-43c0-87f0-06e205cbb250 Germany (DE) 556152b5-5ed1-4bb6-90d2-a8846f692834 Croatia (HR) 5d2ea5a0-3812-4d07-bc83-e7557e2c20cd Czech Republic (CZ) 340d33d7-db60-4da5-8988-3d97adf34e40 Poland (PL) 6f662a23-c2f2-45aa-8b67-7622964ab8e6 Netherlands (NL) c6796a85-e78d-406b-86fd-9d50ed361761 Netherlands (NL) 642eed60-ab43-438e-b29b-d2b83a1d1d0a Estonia (EE) 710d4b07-1223-4202-8a2a-8f2c8a75f77e Greece (GR) 27624ad5-a53c-4371-b226-08015a416947 Portugal (PT) 36b5dfe7-336d-4134-952e-28633cf67e81 Bulgaria (BG) 37bea7dc-eb4c-4a6d-a626-31b8e1a6ac35 Sweden (SE) 8e83dd65-51f4-470f-a07f-c2e48c91cd0c Poland (PL) c5e5f6cf-d260-44c6-aac5-44b3514c85b0 France (FR) 247f3a3c-b0a8-42bf-aae0-452961210a71 Sweden (SE) 635ad7c9-532f-4f1d-a1a1-5137b6daac93 Germany (DE) 1ecf956f-f5a6-4ebb-b28c-be0db3d867c8 Germany (DE) f525384a-8929-44a6-aa0d-3ea572ba0573 France (FR) 360273d7-50aa-43b3-8eef-efbe04b1f63c Netherlands (NL) 827c34ff-479a-4864-9411-9b7485068d3b Spain (ES) 529713d3-e7e2-46e2-ad21-1ee6884c5827 Netherlands (NL)

Ordering

Order Code US and Canada	XT1BE3125AFF000XXX
E-Number (Finland)	3640496
EAN	8015644007157
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	1.137 kg
Package Level 1 EAN	8015644007157

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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	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 10.7 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	125 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_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 (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	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
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

