



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
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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	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) b3bfff1f6-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-a049eecd265f 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
EAN	8015644007911
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	101.6 mm
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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
Connecting Capacity Main Circuit	Busbar 45.5 ... 80 mm <sup>2</sup>
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I <sub>n</sub> )	125 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	1250 A
Rated Insulation Voltage (U <sub>i</sub> )	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cu</sub> )	(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 <sub>u</sub> )	160 A
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
Version	F
CAD Dimensional Drawing	1SDH001295R0080

### 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
UNSPSC	39120000

WEEE Category

5. Small Equipment (No External Dimension More Than 50 cm)

eClass

V11.1 : 27370409

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## Categories

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

