



Tel: +44 2476 368 500
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XT1C 160 TMD 125-1250 3p F F

Cat Number: 1SDA067398R1



125A 25kA MCCB - XT1C160 (Thermal Magnetic)

* Front connection kits required

Technical Specifications:

ABB EcoSolutions | Yes

Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 55.9 %

Group Waste to Landfill Target | UL 2799 Zero Waste To Landfill Validation available

RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

SCIP | 04c3bfad-7e1c-429f-8614-00ca8b4c8246 Italy (IT)

Simplified SCIP | 05fb5747-1f6a-4fcb-9a95-e2bdce382aac Finland (FI)c5611fb4-697a-488c-

9338-65a1ac58eb95 Norway (NO)23235400-6bd4-4005-9580-19e41cbbc1c5 France

(FR)0569b031-ea62-4cca-8a66-2a5b16c051db Netherlands (NL)76b8a86b-345a-4f87-8d62-

e34024531bb1 Netherlands (NL)521705a5-2bef-44ad-81eb-960bc18a89de Germany

(DE)cbc69345-80fd-4f24-b3e6-425db0c63237 Denmark (DK)b876a3e8-bbb3-4dbe-a7cf-

512672b07ca8 Germany (DE)3cd9e697-fec2-4f2d-9681-47dc0ae309c0 Croatia (HR)b904a269-

358b-499d-a085-4d8b460a7633 Czech Republic (CZ)7b4a72b6-f994-4e65-9d03-242b5d5c3192

Netherlands (NL)cf35da3b-5c64-4bcc-98b6-aff088652e20 Netherlands (NL)578f336c-409f-4c42-

9b01-632b40455d3e Estonia (EE)2f9cdf36-8c74-4b82-94b4-4bc1f9ab598d Greece

(GR)98cc3dce-cbf3-4df0-8442-37a76e349926 Portugal (PT)ebc38d72-c2f5-4095-b7bb-

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79d6614fad1c Bulgaria (BG)7bf3683a-2ee1-4e65-846d-92e406efe465 Sweden (SE)752581a0-5f0e-44f0-9041-c39837a6d0ab Poland (PL)0d72cced-ae48-410b-a802-dc326cb682a0 France (FR)39135c8a-e65a-47ee-a08f-de1fcf1003dd Sweden (SE)3c430bd8-7130-472d-b527-4fec966dbf44 Germany (DE)55073784-ba76-4be2-b976-89ebdb00e7ec Germany (DE)af5e7d2d-78a6-41ca-a1c5-789825f77f7b Spain (ES)01379f3e-f9b3-49cb-b5fe-a9fc100efbb2 Netherlands (NL)ec955a84-1183-4e95-b1c4-26f4a66dd5a1 Poland (PL)9ba63e07-44d1-4f2f-b19d-610254983f6d Poland (PL)

Order Code US and Canada | XT1CE3125AFF000XXX

E-Number (Finland) | 3638778

EAN | 8015644012922

Minimum Order Quantity | 1 piece

Customs Tariff Number | 85362090

Product Net Width | 76.2 mm

Product Net Height | 130 mm

Product Net Depth / Length | 70 mm

Product Net Weight | 1.1 kg

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 | 8015644012922

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 hour8000 cycle

Mechanical Durability | 240 cycles per hour25000 cycle

Number of Poles | 3

Opening Time | CB with SOR 15 msCB 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 (In) | 125 A

Rated Frequency (f) | 50 / 60 Hz

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Rated Voltage (Ur) | 690 V

Rated Impulse Withstand Voltage (Uimp) | 8 kV

Rated Instantaneous Short-Circuit Current Setting (Ii) | 1250 A

Rated Insulation Voltage (Ui) | 800 V

Rated Operational Voltage | 690 V AC 500 V DC

Rated Service Short-Circuit Breaking Capacity (Ics) | (220 V AC) 40 kA(230 V AC) 40 kA(240 V AC) 40 kA(380 V AC) 25 kA(415 V AC) 25 kA(440 V AC) 12.5 kA(500 V AC) 9 kA(525 V AC) 8 kA(690 V AC) 4 kA(250 V DC) 2 Poles in Series 25 kA(500 V DC) 3 Poles in Series 25 kA

Rated Ultimate Short-Circuit Breaking Capacity (Icu) | (220 V AC) 40 kA(230 V AC) 40 kA(240 V AC) 40 kA(380 V AC) 25 kA(415 V AC) 25 kA(440 V AC) 25 kA(500 V AC) 18 kA(525 V AC) 8 kA(690 V AC) 4 kA(250 V DC) 2 Poles in Series 25 kA(500 V DC) 3 Poles in Series 25 kA

Rated Uninterrupted Current (Iu) | 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 | C

Standards | IEC

Sub-type | XT1

Terminal Connection Type | Front

Terminal Type | Bolt

Tightening Torque | 6 N·m

Version | F

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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