



Tel: +44 2476 368 500
Email: lv.enquiries@gb.abb.com

XT1B 160 TMD 20-450 3p F F

Cat Number: 1SDA066800R1



20A 16kA MCCB - XT1B160 (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

Order Code US and Canada | XT1BE3020AFF000XXX

E-Number (Finland) | 3640435

EAN | 8015644694456

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

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Package Level 1 Height | 135 mm
Package Level 1 Depth / Length | 143 mm
Package Level 1 Gross Weight | 1.118 kg
Package Level 1 EAN | 8015644694456
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 1.8 W
Product Main Type | SACE Tmax XT
Product Name | Moulded Case Circuit Breaker
Product Type | Automatic Circuit Breaker
Rated Current (In) | 20 A
Rated Frequency (f) | 50 / 60 Hz
Rated Voltage (Ur) | 690 V
Rated Impulse Withstand Voltage (Uimp) | 8 kV
Rated Instantaneous Short-Circuit Current Setting (Ii) | 450 A
Rated Insulation Voltage (Ui) | 800 V
Rated Operational Voltage | 690 V AC500 V DC
Rated Service Short-Circuit Breaking Capacity (Ics) | (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 (Icu) | (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 (Iu) | 160 A
Recommended Screw Driver | Main Circuit M6
Release | TMD
Release Type | TM
RoHS Date | NA
Setting Range | 14...20 A
Short-Circuit Performance Level | B

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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

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

eClass | V11.1 : 27370409

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