

PRODUCT-DETAILS

XT1B 160 TMD 100-1000 4p F F

XT1B 160 TMD 100-1000 4p F F



**General Information**

Extended Product Type	XT1B 160 TMD 100-1000 4p F F
Product ID	1SDA066818R1
EAN	8015644007256
Catalog Description	XT1B 160 TMD 100-1000 4p F F
Long Description	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 100-1000 A

**ABB EcoSolutions**

ABB EcoSolutions	Yes
------------------	-----

**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 60.9 %
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
---	-----------------

**Environmental**

Environmental Information	9AKK107991A8215 9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	688e96d7-2d1c-4e22-b59c-50ff06516bf8 Italy (IT)
Simplified SCIP	4be3f089-aca5-4fb8-8ca5-ca75d8b5d067 Sweden (SE) 27550f41-4161-4b3a-8225-f1e246ce2a09 Germany (DE) 6c03d9fa-a586-4041-bf40-cd77812ad7f8 Germany (DE) 90c62ad0-99e2-4cfb-a4b3-7a1d2b822175 Czech Republic (CZ) 70f88417-6d1f-4419-b8ca-cd081ff4976a Poland (PL) 9f1ba41e-13c8-4949-8f02-c3e198ca3ccb Netherlands (NL) 7f066c37-7fb1-47df-b33d-5f27effe988d Netherlands (NL) ba2a17d0-ebc2-40ef-8670-1145eb519351 Estonia (EE) 72d61050-bae5-4d72-b9f9-bd391a4a830e Greece (GR) d9334c91-3248-4e66-9b4c-3919e09712e4 Portugal (PT) dd27b78a-c66a-4eb0-b691-907a2e33f930 Norway (NO) 6bfb959-ec01-495a-a4a0-08ac8e4e3667 Finland (FI) 8186f6da-48cd-49d8-a4ec-d7d71c32770c Netherlands (NL) b3c31785-12c6-4630-83f1-b2d78d65bea1 Germany (DE) 9607cf14-ae26-4495-a29e-67cdeff195c1 Denmark (DK) b7deb7c4-4af4-4932-8db3-8f1bd014dce3 Germany (DE) d1429ebb-e55d-4293-a755-dff56a49be68 Croatia (HR) 6d10ed05-32eb-48f2-88a8-1b46926daf87 Poland (PL) 13935ad8-46e8-49d7-9e27-360bd0cbc6a4 France (FR) d9a62902-39ce-4272-bc64-dbb65a1b0e6f Netherlands (NL) c2927a9e-50d1-4415-82df-df6998b70511 Spain (ES) fea510e3-600e-4a0a-9c52-8483df25f240 Netherlands (NL) b55767a9-8b5d-4dce-b7f7-413e4c989aec Bulgaria (BG) ed811c7e-4d71-472c-8176-6c42e3067f7e Sweden (SE) 4cd65b04-2f4a-4fe8-8d5a-cb5ddd0c309d Poland (PL) 458cef3b-a92d-4b27-894c-1c5125dd37d5 France (FR)

**Ordering**

Order Code US and Canada	XT1BE4100AFF000XXX
E-Number (Finland)	3640500
EAN	8015644007256
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	1.44 kg

Package Level 1 EAN

8015644007256

**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 7 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current ( $I_n$ )	100 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 ( $I_s$ )	1000 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
Setting Range	70...100 A
Short-Circuit Performance Level	B
Standards	IEC
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

### Categories

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

