



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2347
Environmental Product Declaration - EPD	9AKK108468A1890 9AKK108468A7793
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.9 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	688e96d7-2d1c-4e22-b59c-50ff06516bf8 Italy
Simplified SCIP	b081d9e5-0266-467a-8f8f-906a85a12afa Germany 4be3f089-aca5-4fb8-8ca5-ca75d8b5d067 Sweden 27550f41-4161-4b3a-8225-f1e246ce2a09 Germany 6c03d9fa-a586-4041-bf40-cd77812ad7f8 Germany 90c62ad0-99e2-4cfb-a4b3-7a1d2b822175 Czech Republic 70f88417-6d1f-4419-b8ca-cd081ff4976a Poland 9f1ba41e-13c8-4949-8f02-c3e198ca3ccb Netherlands 7f066c37-7fb1-47df-b33d-5f2effe988d Netherlands ba2a17d0-ebc2-40ef-8670-1145eb519351 Estonia 72d61050-bae5-4d72-b9f9-bd391a4a830e Greece d9334c91-3248-4e66-9b4c-3919e09712e4 Portugal dd27b78a-c66a-4eb0-b691-907a2e33f930 Norway 6bfb959-ec01-495a-a4a0-08ac8e4e3667 Finland 8186f6da-48cd-49d8-a4ec-d7d71c32770c Netherlands b3c31785-12c6-4630-83f1-b2d78d65bea1 Germany 9607cf14-ae26-4495-a29e-67cdeff195c1 Denmark b7deb7c4-4af4-4932-8db3-8f1bd014dce3 Germany d1429ebb-e55d-4293-a755-dff56a49be68 Croatia 6d10ed05-32eb-48f2-88a8-1b46926daf87 Poland 13935ad8-46e8-49d7-9e27-360bd0cbc6a4 France d9a62902-39ce-4272-bc64-dbb65a1b0e6f Netherlands c2927a9e-50d1-4415-82df-df6998b70511 Spain fea510e3-600e-4a0a-9c52-8483df25f240 Netherlands b55767a9-8b5d-4dce-b7f7-413e4c989aec Bulgaria ed811c7e-4d71-472c-8176-6c42e3067f7e Sweden 4cd65b04-2f4a-4fe8-8d5a-cb5ddd0c309d Poland 458cef3b-a92d-4b27-894c-1c5125dd37d5 France

Environmental

Environmental Information	9AKK108467A6707
---------------------------	-----------------

Ordering

Order Code US and Canada	XT1BE4100AFF000XXX
E-Number (Finland)	3640500
E-Number (Norway)	4309708
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 /	70 mm

Length	
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001295R0080

Technical

Connecting Capacity Main Circuit	Busbar 45.5 ... 80 mm ²
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	4P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 7 W
Rated Current (I _n)	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	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
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	70...100 A
Short-Circuit Performance Level	B
Standards	IEC60947-2
Sub-type	XT1
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m

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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

