



PRODUCT-DETAILS

# XT1C 160 TMD 100-1000 4p F F

## XT1C 160 TMD 100-1000 4p F F



General Information	
Extended Product Type	XT1C 160 TMD 100-1000 4p F F
Product ID	1SDA067406R1
EAN	8015644013004
Catalog Description	XT1C 160 TMD 100-1000 4p F F
Long Description	C.BREAKER TMAX XT1C 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 - 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	da49dad4-480c-4f06-80f0-cd599ef1b7aa Italy (IT)
Simplified SCIP	6efd2b3-e81d-41ec-a647-e68cc31c3502 Germany (DE) 705a7500-cbe2-4d52-917d-29a8d5373919 France (FR) 743664cf-05ce-48f9-a3ec-ff25001e37b1 Sweden (SE) 76eead2b-3cd8-45ee-bcba-3530761e835f Germany (DE) d57f62ee-822b-4bd6-90fd-3bf5a27acd7d Germany (DE) 5f74ff1f-d085-4f28-a052-f1095ed23de7 France (FR) 4aa58036-a8fd-4d83-9f97-ff4f7d86b259 Netherlands (NL) 72db3925-868b-4d16-b83f-595bd37d59b8 Greece (GR) 741df328-7b0d-4ff4-abbb-5a7e711ea4fa Portugal (PT) 2faeb391-4bfc-41c3-8e71-ca8d89c22975 Bulgaria (BG) 4d1aac7f-f66f-4e2c-a446-3a76f09c672a Sweden (SE) 6b5e80d6-a9f4-4676-b845-0cc88058e8f3 Poland (PL) 705a7500-cbe2-4d52-917d-29a8d5373919 France (FR) 743664cf-05ce-48f9-a3ec-ff25001e37b1 Sweden (SE) 004222ab-c438-4427-925b-78489af46d49 Spain (ES) 0a90e1dd-c1b1-4a12-9a78-90059348c60f Poland (PL) 4b8fb4d7-d4d8-4fb8-94c2-f8845681106a Norway (NO) 460acca6-ec75-4def-a6a4-f3ae1b7675aa Finland (FI) 17f351c1-47cf-429b-9542-7013a9b2edf1 Netherlands (NL) 2e473234-1208-40fa-bdf4-1aa23ee065b9 Germany (DE) b45e24c0-818e-4d37-93f5-b37224523c13 Denmark (DK) ec8003af-31ef-4cc7-8151-e07d926bd4b3 Germany (DE) 9d227499-ea95-4bba-83cd-5bba80cacc32 Croatia (HR) eb5428f3-528c-4ae3-be1d-db700c336cbc Czech Republic (CZ) 8e1765d9-d7ff-4eb5-b403-aa51bc12072d Poland (PL) 8a86768b-c3b0-421d-ae89-5f80adb4a32e Netherlands (NL) 8bb8ce58-b1ae-49ac-8c67-d9ca79387598 Netherlands (NL) fa685aaf-df7a-4eb3-a07f-013d2c2e108a Estonia (EE) 0a90e1dd-c1b1-4a12-9a78-90059348c60f Poland (PL) 4b8fb4d7-d4d8-4fb8-94c2-f8845681106a Norway (NO) 460acca6-ec75-4def-a6a4-f3ae1b7675aa Finland (FI) 17f351c1-47cf-429b-9542-7013a9b2edf1 Netherlands (NL) 2e473234-1208-40fa-bdf4-1aa23ee065b9 Germany (DE) b45e24c0-818e-4d37-93f5-b37224523c13 Denmark (DK) ec8003af-31ef-4cc7-8151-e07d926bd4b3 Germany (DE) 9d227499-ea95-4bba-83cd-5bba80cacc32 Croatia (HR) eb5428f3-528c-4ae3-be1d-db700c336cbc Czech Republic (CZ) 8e1765d9-d7ff-4eb5-b403-aa51bc12072d Poland (PL) 8a86768b-c3b0-421d-ae89-5f80adb4a32e Netherlands (NL) 8bb8ce58-b1ae-49ac-8c67-d9ca79387598 Netherlands (NL) fa685aaf-df7a-4eb3-a07f-013d2c2e108a Estonia (EE) 741df328-7b0d-4ff4-abbb-5a7e711ea4fa Portugal (PT) 76eead2b-3cd8-45ee-bcba-3530761e835f Germany (DE) d57f62ee-822b-4bd6-90fd-3bf5a27acd7d Germany (DE) 5f74ff1f-d085-4f28-a052-f1095ed23de7 France (FR)

4aa58036-a8fd-4d83-9f97-ff4f7d86b259 Netherlands (NL)  
 004222ab-c438-4427-925b-78489af46d49 Spain (ES)  
 f755a92e-15fa-45a1-a648-cef15c663aca Netherlands (NL)  
 72db3925-868b-4d16-b83f-595bd37d59b8 Greece (GR)  
 2faeb391-4bfc-41c3-8e71-ca8d89c22975 Bulgaria (BG)  
 4d1aac7f-f66f-4e2c-a446-3a76f09c672a Sweden (SE)  
 f755a92e-15fa-45a1-a648-cef15c663aca Netherlands (NL)  
 6b5e80d6-a9f4-4676-b845-0cc88058e8f3 Poland (PL)

**Ordering**

Order Code US and Canada	XT1CE4100AFF000XXX
E-Number (Finland)	3640509
EAN	8015644013004
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	1.438 kg
Package Level 1 EAN	8015644013004

**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 ( $I_i$ )	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) 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 ( $I_{cu}$ )	(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 ( $I_u$ )	160 A
Recommended Screw Driver	Main Circuit M6
Release	TMD
Release Type	TM
Setting Range	70...100 A
Short-Circuit Performance Level	C
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

## Categories

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

