



PRODUCT-DETAILS

XT1C 160 TMD 63-630 4p F F

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| General Information | |
|-----------------------|--|
| Extended Product Type | XT1C 160 TMD 63-630 4p F F |
| Product ID | 1SDA067404R1 |
| EAN | 8015644012984 |
| Catalog Description | XT1C 160 TMD 63-630 4p F F |
| Long Description | C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 63-630 A |

| ABB EcoSolutions | |
|--|---|
| ABB EcoSolutions | Yes |
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 55.9 % |
| End of Life Instructions | 9AKK108468A2347 |
| Environmental Product Declaration - EPD | 9AKK108468A1890 9AKK108468A7793 |
| Group Waste to Landfill Target | UL 2799 Zero Waste To Landfill Validation available |

Material Compliance

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|---|--|
| 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 | 8520a12f-9e1e-46df-b774-fae250ee3354 Italy (IT) |
| Simplified SCIP | <p>68fe5bc0-91fe-40ac-a603-0ba6087a0b72 Germany (DE)</p> <p>d3cc6a8d-c5e8-481b-9234-e4cab3534861 Germany (DE)</p> <p>ef41974b-77e1-4790-b38d-66a3f66fbc51 France (FR)</p> <p>ac6a6e14-c236-47ff-ba30-a32c13d1cc5f Netherlands (NL)</p> <p>112c10e9-8940-45e9-81ef-f79d1bc4ba4d Spain (ES)</p> <p>5e7afc5f-f0ce-496a-bad1-91adfe2bea6d Netherlands (NL)</p> <p>031f090b-eeef-46d1-99ba-9ce035985511 Greece (GR)</p> <p>0e67d5d8-b269-41b6-9c39-702ac065fb55 Bulgaria (BG)</p> <p>735fafb5-d306-4723-9697-47fda5646c2e Poland (PL)</p> <p>e13b044b-f8f6-4793-9840-186203a40a31 Norway (NO)</p> <p>581f3b40-cde8-443f-9472-2ca41c2ab76b Finland (FI)</p> <p>ebea3eb3-04c7-4ccc-967a-e92559a2c485 Netherlands (NL)</p> <p>6f7f0d36-14d0-49fa-bea3-7dc957d4c911 Germany (DE)</p> <p>4de797f8-9046-4639-bf87-8dff4e229c18 Denmark (DK)</p> <p>686b394e-fef5-4701-b980-6456383ec349 Germany (DE)</p> <p>a88aff47-6615-44e6-a5a4-0674750c11e9 Croatia (HR)</p> <p>1bd00f34-16fa-4191-88cc-5f1db92762bb Czech Republic (CZ)</p> <p>69652938-dc9b-4e8d-bfb3-01ce6d2fd4e0 Poland (PL)</p> <p>aeb36747-516a-4525-977c-a56918c9383f Netherlands (NL)</p> <p>b4b90187-2d4d-420d-b21d-3c2f2a9ea1b7 Netherlands (NL)</p> <p>70bb3e3f-1c7b-485e-8760-89966625ac9d Estonia (EE)</p> <p>c9436e5c-8107-4949-af60-9c69648ba3e2 Portugal (PT)</p> <p>54573f70-0d9a-446b-9a60-f0e7b45918c3 Germany (DE)</p> <p>ebea3eb3-04c7-4ccc-967a-e92559a2c485 Netherlands (NL)</p> <p>6f7f0d36-14d0-49fa-bea3-7dc957d4c911 Germany (DE)</p> <p>4de797f8-9046-4639-bf87-8dff4e229c18 Denmark (DK)</p> <p>686b394e-fef5-4701-b980-6456383ec349 Germany (DE)</p> <p>a88aff47-6615-44e6-a5a4-0674750c11e9 Croatia (HR)</p> <p>1bd00f34-16fa-4191-88cc-5f1db92762bb Czech Republic (CZ)</p> <p>69652938-dc9b-4e8d-bfb3-01ce6d2fd4e0 Poland (PL)</p> <p>39561525-de4b-444b-8fc8-5b37629d40f5 Sweden (SE)</p> <p>5e7afc5f-f0ce-496a-bad1-91adfe2bea6d Netherlands (NL)</p> <p>113d9373-1f2a-4c5a-9b3c-deea02f33626 Poland (PL)</p> <p>e1794a5a-4438-442d-915a-fe55e21836bd France (FR)</p> <p>f8df65b1-890c-433f-8ea2-b6bced2a629a Sweden (SE)</p> <p>54573f70-0d9a-446b-9a60-f0e7b45918c3 Germany (DE)</p> <p>d3cc6a8d-c5e8-481b-9234-e4cab3534861 Germany (DE)</p> <p>ef41974b-77e1-4790-b38d-66a3f66fbc51 France (FR)</p> <p>ac6a6e14-c236-47ff-ba30-a32c13d1cc5f Netherlands (NL)</p> <p>112c10e9-8940-45e9-81ef-f79d1bc4ba4d Spain (ES)</p> <p>735fafb5-d306-4723-9697-47fda5646c2e Poland (PL)</p> <p>e13b044b-f8f6-4793-9840-186203a40a31 Norway (NO)</p> <p>581f3b40-cde8-443f-9472-2ca41c2ab76b Finland (FI)</p> <p>aeb36747-516a-4525-977c-a56918c9383f Netherlands (NL)</p> <p>b4b90187-2d4d-420d-b21d-3c2f2a9ea1b7 Netherlands (NL)</p> <p>70bb3e3f-1c7b-485e-8760-89966625ac9d Estonia (EE)</p> <p>031f090b-eeef-46d1-99ba-9ce035985511 Greece (GR)</p> <p>c9436e5c-8107-4949-af60-9c69648ba3e2 Portugal (PT)</p> <p>0e67d5d8-b269-41b6-9c39-702ac065fb55 Bulgaria (BG)</p> <p>39561525-de4b-444b-8fc8-5b37629d40f5 Sweden (SE)</p> <p>113d9373-1f2a-4c5a-9b3c-deea02f33626 Poland (PL)</p> <p>e1794a5a-4438-442d-915a-fe55e21836bd France (FR)</p> <p>f8df65b1-890c-433f-8ea2-b6bced2a629a Sweden (SE)</p> |

Environmental

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

Ordering

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|--------------------------|--------------------|
| Order Code US and Canada | XT1CE4063AFF000XXX |
| E-Number (Finland) | 3640519 |

| | |
|------------------------|---------------|
| E-Number (Norway) | 4309715 |
| EAN | 8015644012984 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|----------|
| 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

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|--------------------------------|---------------|
| 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 | 1.446 kg |
| Package Level 1 EAN | 8015644012984 |

Additional Information

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|---------------------------------------|------------------------------|
| 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

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|---|--|
| 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 | 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 4.3 W |
| Rated Current (I_n) | 63 A |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Instantaneous Short-Circuit Current Setting (I_s) | 630 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 |
| Rated Voltage (U_r) | 690 V |
| Recommended Screw Driver | Main Circuit M6 |
| Release | TMD |
| Release Type | TM |
| Setting Range | 44.1...63 A |
| Short-Circuit Performance Level | C |
| Standards | IEC60947-2 |
| Sub-type | XT1 |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 6 N·m |

Certificates and Declarations

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|-----------------------------------|------------------------------------|
| 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

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|----------------------------|--|
| 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

