



PRODUCT-DETAILS

XT1C 160 TMD 63-630 4p F F

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| Informações gerais       |  |
|--------------------------|--|
| Tipo de produto alargado | XT1C 160 TMD 63-630 4p F F   |
| ID do produto            | 1SDA067404R1   |
| EAN                      | 8015644012984  |
| Descrição do catálogo    | XT1C 160 TMD 63-630 4p F F   |
| Descrição longa          | 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 Value                                    |   |
|---|---|
| Circular Design Principles<br>Recyclability Rate  | Design for Closing Resource Loops - Standard EN45555 - 55.9 % |
| Conflict Minerals<br>Reporting Template<br>(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<br>9AKK108468A7793 |
|---|------------------------------------|

**Environmental**

|                      |   |
|----------------------|---|
| Informação ambiental | 9AKK108467A6707   |
| REACH Declaration    | 9AKK108466A1425   |
| Informação RoHS      | 9AKK108466A1424   |
| Estado RoHS          | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019  |
| SCIP                 | 8520a12f-9e1e-46df-b774-fae250ee3354 Italy (IT)   |
| SCIP simplificado    | 68fe5bc0-91fe-40ac-a603-0ba6087a0b72 Germany (DE)<br>d3cc6a8d-c5e8-481b-9234-e4cab3534861 Germany (DE)<br>ef41974b-77e1-4790-b38d-66a3f66fbc51 France (FR)<br>ac6a6e14-c236-47ff-ba30-a32c13d1cc5f Netherlands (NL)<br>112c10e9-8940-45e9-81ef-f79d1bc4ba4d Spain (ES)<br>5e7afc5f-f0ce-496a-bad1-91adfe2bea6d Netherlands (NL)<br>031f090b-eef4-46d1-99ba-9ce035985511 Greece (GR)<br>0e67d5d8-b269-41b6-9c39-702ac065fb55 Bulgaria (BG)<br>735fafb5-d306-4723-9697-47fda5646c2e Poland (PL)<br>e13b044b-f8f6-4793-9840-186203a40a31 Norway (NO)<br>581f3b40-cde8-443f-9472-2ca41c2ab76b Finland (FI)<br>ebea3eb3-04c7-4ccc-967a-e92559a2c485 Netherlands (NL)<br>6f7f0d36-14d0-49fa-bea3-7dc957d4c911 Germany (DE)<br>4de797f8-9046-4639-bf87-8dff4e229c18 Denmark (DK)<br>686b394e-fef5-4701-b980-6456383ec349 Germany (DE)<br>a88aff47-6615-44e6-a5a4-0674750c11e9 Croatia (HR)<br>1bd00f34-16fa-4191-88cc-5f1db92762bb Czech Republic (CZ)<br>69652938-dc9b-4e8d-bfb3-01ce6d2fd4e0 Poland (PL)<br>aeb36747-516a-4525-977c-a56918c9383f Netherlands (NL)<br>b4b90187-2d4d-420d-b21d-3c2f2a9ea1b7 Netherlands (NL)<br>70bb3e3f-1c7b-485e-8760-89966625ac9d Estonia (EE)<br>c9436e5c-8107-4949-af60-9c69648ba3e2 Portugal (PT)<br>54573f70-0d9a-446b-9a60-f0e7b45918c3 Germany (DE)<br>ebea3eb3-04c7-4ccc-967a-e92559a2c485 Netherlands (NL)<br>6f7f0d36-14d0-49fa-bea3-7dc957d4c911 Germany (DE)<br>4de797f8-9046-4639-bf87-8dff4e229c18 Denmark (DK)<br>686b394e-fef5-4701-b980-6456383ec349 Germany (DE)<br>a88aff47-6615-44e6-a5a4-0674750c11e9 Croatia (HR)<br>1bd00f34-16fa-4191-88cc-5f1db92762bb Czech Republic (CZ)<br>69652938-dc9b-4e8d-bfb3-01ce6d2fd4e0 Poland (PL)<br>39561525-de4b-444b-8fc8-5b37629d40f5 Sweden (SE)<br>5e7afc5f-f0ce-496a-bad1-91adfe2bea6d Netherlands (NL)<br>113d9373-1f2a-4c5a-9b3c-deea02f33626 Poland (PL)<br>e1794a5a-4438-442d-915a-fe55e21836bd France (FR)<br>f8df65b1-890c-433f-8ea2-b6bced2a629a Sweden (SE)<br>54573f70-0d9a-446b-9a60-f0e7b45918c3 Germany (DE)<br>d3cc6a8d-c5e8-481b-9234-e4cab3534861 Germany (DE)<br>ef41974b-77e1-4790-b38d-66a3f66fbc51 France (FR)<br>ac6a6e14-c236-47ff-ba30-a32c13d1cc5f Netherlands (NL)<br>112c10e9-8940-45e9-81ef-f79d1bc4ba4d Spain (ES)<br>735fafb5-d306-4723-9697-47fda5646c2e Poland (PL)<br>e13b044b-f8f6-4793-9840-186203a40a31 Norway (NO)<br>581f3b40-cde8-443f-9472-2ca41c2ab76b Finland (FI)<br>aeb36747-516a-4525-977c-a56918c9383f Netherlands (NL)<br>b4b90187-2d4d-420d-b21d-3c2f2a9ea1b7 Netherlands (NL)<br>70bb3e3f-1c7b-485e-8760-89966625ac9d Estonia (EE)<br>031f090b-eef4-46d1-99ba-9ce035985511 Greece (GR)<br>c9436e5c-8107-4949-af60-9c69648ba3e2 Portugal (PT)<br>0e67d5d8-b269-41b6-9c39-702ac065fb55 Bulgaria (BG)<br>39561525-de4b-444b-8fc8-5b37629d40f5 Sweden (SE)<br>113d9373-1f2a-4c5a-9b3c-deea02f33626 Poland (PL)<br>e1794a5a-4438-442d-915a-fe55e21836bd France (FR)<br>f8df65b1-890c-433f-8ea2-b6bced2a629a Sweden (SE) |

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**Ordering**


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|                                |                    |
|--------------------------------|--------------------|
| Order Code US and Canada       | XT1CE4063AFF000XXX |
| E-Number (Finland)             | 3640519            |
| EAN                            | 8015644012984      |
| Quantidade Mínima de Encomenda | 1 piece            |
| Número de tarifa aduaneira     | 85362090           |

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**Dimensions**


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|  |          |
|--|----------|
| Largura Líquida do Produto                   | 101.6 mm |
| Altura Líquida do Produto                    | 130 mm   |
| Profundidade/Comprimento Líquidos do Produto | 70 mm    |
| Peso Líquido do Produto                      | 1.4 kg   |

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**Container Information**


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|   |               |
|---|---------------|
| Unidades de embalagem Nível 1                 | box 1 piece   |
| Largura da embalagem Nível 1                  | 128 mm        |
| Altura da embalagem Nível 1                   | 135 mm        |
| Profundidade/Comprimento da embalagem Nível 1 | 143 mm        |
| Peso bruto da embalagem Nível 1               | 1.446 kg      |
| Nível de Embalagem 1 EAN                      | 8015644012984 |

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**Additional Information**


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|   |  |
|---|--|
| 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<br>8000 cycle            |
| Mechanical Durability                         | 240 cycles per hour<br>25000 cycle           |
| Número de polos                               | 4  |
| Opening Time                                  | CB with SOR 15 ms<br>CB with UVR 15 ms       |
| Encomenda Múltipla                            | 1 piece                                      |
| Power Loss                                    | at Rated Operating Conditions per Pole 4.3 W |
| Tipo de produto principal                     | SACE Tmax XT                                 |
| Nome de Produto                               | Moulded Case Circuit Breaker                 |
| Tipo de produto                               | Automatic Circuit Breaker                    |
| Corrente nominal ( $I_n$ )                    | 63 A   |
| Frequência nominal (f)                        | 50 / 60 Hz                                   |
| Tensão nominal ( $U_r$ )                      | 690 V  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ) | 8 kV   |
| Rated Instantaneous Short-Circuit Current     | 630 A  |

|   |   |
|---|---|
| Setting (I <sub>r</sub> )   |   |
| Rated Insulation Voltage (U <sub>i</sub> )                        | 800 V   |
| Tensão operacional nominal  | 690 V AC<br>500 V DC  |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )  | (220 V AC) 40 kA<br>(230 V AC) 40 kA<br>(240 V AC) 40 kA<br>(380 V AC) 25 kA<br>(415 V AC) 25 kA<br>(440 V AC) 12.5 kA<br>(500 V AC) 9 kA<br>(525 V AC) 8 kA<br>(690 V AC) 4 kA<br>(250 V DC) 2 Poles in Series 25 kA<br>(500 V DC) 3 Poles in Series 25 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (220 V AC) 40 kA<br>(230 V AC) 40 kA<br>(240 V AC) 40 kA<br>(380 V AC) 25 kA<br>(415 V AC) 25 kA<br>(440 V AC) 25 kA<br>(500 V AC) 18 kA<br>(525 V AC) 8 kA<br>(690 V AC) 4 kA<br>(250 V DC) 2 Poles in Series 25 kA<br>(500 V DC) 3 Poles in Series 25 kA  |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 160 A   |
| Recommended Screw Driver  | Main Circuit M6   |
| Release   | TMD   |
| Tipo de lançamento  | TM  |
| Setting Range   | 44.1...63 A   |
| Short-Circuit Performance Level                                   | C   |
| Normas  | IEC60947-2  |
| Sub-type  | XT1   |
| Terminal Connection Type  | Front   |
| Tipo de terminal  | Bolt  |
| Binário de aperto   | 6 N·m   |
| Version   | F   |
| CAD Dimensional Drawing   | 1SDH001295R0080   |

### Certificates and Declarations

|                                    |                                    |
|------------------------------------|------------------------------------|
| Certificado ATEX                   | No certification needed            |
| Ficha de dados, informação técnica | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaração de conformidade -CE     | 9AKK106713A5532                    |
| Certificado GL                     | 1SDL000163R0103                    |
| Certificado LR                     | 1SDL000163R0100                    |
| Certificado UL                     | No certification needed            |
| VDE Certificate                    | No certification needed            |
| Diagrama de medidas                | 1SDH000719R0100                    |
| Mechanical Drawings                | 1SDH000719R0100                    |
| Wiring Diagram                     | 1SDM000068R0001                    |
| Instruções e Manuais               | 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 |
| Código de classificação do objeto | Q  |
| UNSPSC                            | 39120000   |
| Categoria REEE                    | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                            | V11.1 : 27370409   |

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## Categorias

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Produtos e Sistemas de Baixa Tensão → Disjuntores → Disjuntores caixa moldada → Tmax XT

