

# XT2N 160 TMD 1,6-16 3p F F



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

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | XT2N 160 TMD 1,6-16 3p F F   |
| <b>Product ID:</b>            | 1SDA067000R1   |
| <b>EAN:</b>                   | 8015644009045  |
| <b>Catalog Description:</b>   | XT2N 160 TMD 1,6-16 3p F F   |
| <b>Long Description:</b>      | C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THER MOMAGNETIC RELEASE TMD R 1,6-16 A |

## Additional Information

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|---|---|
| <b>Circuit Breaker Type to be Associated:</b> | Power distribution  |
| <b>Country of Origin:</b>                     | Italy (IT)  |
| <b>Customs Tariff Number:</b>                 | 85362090  |
| <b>Data Sheet, Technical Information:</b>     | 1SDC210059D0201   |
| <b>Declaration of Conformity - CE:</b>        | 9AKK106713A5901   |
| <b>EAN:</b>                                   | 8015644009045   |
| <b>EPLAN Catalog Tree:</b>                    | Electrical engineering / Power switchgear / General                     |
| <b>ETIM 4:</b>                                | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>ETIM 5:</b>                                | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>ETIM 6:</b>                                | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>Electrical Durability:</b>                 | 120 cycles per hour<br>8000 cycle                                       |
| <b>Environmental Information:</b>             | 1SDL000190R0001   |
| <b>GL Certificate:</b>                        | 1SDL000163R0093   |
| <b>Instructions and Manuals:</b>              | 1SDH000721R0001   |
| <b>Invoice Description:</b>                   | XT2N 160 TMD 1,6-16 3p F F  |
| <b>LR Certificate:</b>                        | 1SDL000163R0100   |
| <b>Mechanical Durability:</b>                 | Nr. Operations 240 cycles per hour<br>Nr. Operations 25000 cycle        |
| <b>Minimum Order Quantity:</b>                | 1 piece   |
| <b>Number of Poles:</b>                       | 3   |
| <b>Object Classification Code:</b>            | Q   |
| <b>Opening Time:</b>                          | CB with SOR 15 ms<br>CB with UVR 15 ms                                  |
| <b>Package Level 1 EAN:</b>                   | 8015644009045   |
| <b>Package Level 1 Gross Weight:</b>          | 1.2 kg  |
| <b>Package Level 1 Height:</b>                | 208 mm  |
| <b>Package Level 1 Length:</b>                | 145 mm  |
| <b>Package Level 1 Units:</b>                 | 1 piece   |
| <b>Package Level 1 Width:</b>                 | 130 mm  |
| <b>Power Loss:</b>                            | at Rated Operating Conditions per Pole 2 W                              |
| <b>Product Main Type:</b>                     | SACE Tmax XT  |
| <b>Product Name:</b>                          | Moulded Case Circuit Breaker  |
| <b>Product Net Depth:</b>                     | 82.5 mm   |
| <b>Product Net Height:</b>                    | 130 mm  |
| <b>Product Net Weight:</b>                    | 1.2 kg  |
| <b>Product Net Width:</b>                     | 90 mm   |
| <b>Product Type:</b>                          | CB  |

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|--|---|
| <b>Rated Current (<math>I_n</math>):</b>                                     | 1.6 A   |
| <b>Rated Frequency (f):</b>  | 50 / 60 Hz  |
| <b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>               | 8 kV  |
| <b>Rated Insulation Voltage (<math>U_i</math>):</b>                          | 1000 V  |
| <b>Rated Operational Voltage:</b>  | 690 V AC<br>500 V DC  |
| <b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>  | 65 kA<br>65 kA<br>36 kA<br>36 kA<br>36 kA<br>30 kA<br>10 kA                   |
| <b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>            | 143 kA<br>143 kA<br>75.6 kA<br>75.6 kA<br>75.6 kA<br>63 kA<br>17 kA           |
| <b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b> | 65 kA<br>65 kA<br>36 kA<br>36 kA<br>36 kA<br>30 kA<br>10 kA<br>36 kA<br>36 kA |
| <b>Rated Uninterrupted Current (<math>I_u</math>):</b>                       | 160 A   |
| <b>Rated Voltage (<math>U_r</math>):</b>                                     | 690 V   |
| <b>Release:</b>  | TMD   |
| <b>Release Type:</b>   | TM  |
| <b>Selectivity Category:</b>   | A   |
| <b>Selling Unit of Measure:</b>  | piece   |
| <b>Short Description:</b>  | XT2N 160 TMD 1,6-16 3p F F  |
| <b>Short-Circuit Performance Level:</b>                                      | N   |
| <b>Size:</b>   | XT2N  |
| <b>Standards:</b>  | IEC   |
| <b>Sub-type:</b>   | XT2   |
| <b>Suitable for Isolation:</b>   | Yes   |
| <b>Terminal Connection Type:</b>   | Fixed Circuit-Breakers<br>Front   |
| <b>UNSPSC:</b>   | 39120000  |
| <b>Version:</b>  | F   |

