

# XT3S 250 TMD 250-2500 3p F F



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

## General Information

|                               |                                                                                                            |
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| <b>Extended Product Type:</b> | XT3S 250 TMD 250-2500 3p F F                                                                               |
| <b>Product ID:</b>            | 1SDA068221R1                                                                                               |
| <b>EAN:</b>                   | 8015644021276                                                                                              |
| <b>Catalog Description:</b>   | XT3S 250 TMD 250-2500 3p F F                                                                               |
| <b>Long Description:</b>      | C.BREAKER TMAX XT3S 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THER MOMAGNETIC RELEASE TMD R 250-2500 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>     | 1SDC210033D0203                                                                            |
| <b>Declaration of Conformity - CE:</b>        | 9AKK106713A5530                                                                            |
| <b>EAN:</b>                                   | 8015644021276                                                                              |
| <b>EPLAN Catalog Tree:</b>                    | Electrical engineering / Power switchgear / General                                        |
| <b>EPLAN Function Definition:</b>             | Safety switch / Safety switch, 6 connection points / Safety switch, three-pole 1-2-3-4-5-6 |
| <b>EPLAN Macro:</b>                           | 9AKK106930A4424                                                                            |
| <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>                        | 1SDL000163R0094                                                                            |
| <b>Instructions and Manuals:</b>              | 1SDH000720R0001                                                                            |
| <b>Invoice Description:</b>                   | XT3S 250 TMD 250-2500 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>                   | 8015644021276                                                                              |
| <b>Package Level 1 Gross Weight:</b>          | 1.7 kg                                                                                     |
| <b>Package Level 1 Height:</b>                | 190 mm                                                                                     |
| <b>Package Level 1 Length:</b>                | 155 mm                                                                                     |
| <b>Package Level 1 Units:</b>                 | 1 piece                                                                                    |
| <b>Package Level 1 Width:</b>                 | 155 mm                                                                                     |
| <b>Power Loss:</b>                            | at Rated Operating Conditions per Pole 17.8 W                                              |
| <b>Product Main Type:</b>                     | SACE Tmax XT                                                                               |
| <b>Product Name:</b>                          | Moulded Case Circuit Breaker                                                               |
| <b>Product Net Depth:</b>                     | 70 mm                                                                                      |
| <b>Product Net Height:</b>                    | 150 mm                                                                                     |
| <b>Product Net Weight:</b>                    | 1.7 kg                                                                                     |

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| <b>Product Net Width:</b>                                                    | 105 mm                                                                                                                                                                                                              |
| <b>Product Type:</b>                                                         | CB                                                                                                                                                                                                                  |
| <b>Rated Current (<math>I_n</math>):</b>                                     | 250 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>                          | 800 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>  | (220 V AC) 42,5 kA<br>(220 V AC) 42,5 kA<br>(380 V AC) 27 kA<br>(415 V AC) 27 kA<br>(440 V AC) 20 kA<br>(500 V AC) 15 kA<br>(690 V AC) 4 kA                                                                         |
| <b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>            | (220 V AC) 187 kA<br>(230 V AC) 187 kA<br>(380 V AC) 105 kA<br>(415 V AC) 105 kA<br>(440 V AC) 105 kA<br>(500 V AC) 75.6 kA<br>(690 V AC) 13.6 kA                                                                   |
| <b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b> | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 40 kA<br>(500 V AC) 30 kA<br>(690 V AC) 8 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(500 V DC) 3 Poles in Series 50 kA |
| <b>Rated Uninterrupted Current (<math>I_u</math>):</b>                       | 250 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>                                                    | XT3S 250 TMD 250-2500 3p F F                                                                                                                                                                                        |
| <b>Short-Circuit Performance Level:</b>                                      | S                                                                                                                                                                                                                   |
| <b>Size:</b>                                                                 | XT3S                                                                                                                                                                                                                |
| <b>Standards:</b>                                                            | IEC                                                                                                                                                                                                                 |
| <b>Sub-type:</b>                                                             | XT3                                                                                                                                                                                                                 |
| <b>Suitable for Isolation:</b>                                               | Yes                                                                                                                                                                                                                 |
| <b>Terminal Connection Type:</b>                                             | Fixed Circuit-Breakers<br>Front                                                                                                                                                                                     |
| <b>UNSPSC:</b>                                                               | 39120000                                                                                                                                                                                                            |
| <b>Version:</b>                                                              | F                                                                                                                                                                                                                   |
| <b>EPLAN Graphical Macro:</b>                                                | 9AKK106930A4362                                                                                                                                                                                                     |

