

PRODUCT-DETAILS

# XT2N 160 TMA 50-500 3p F F

## XT2N 160 TMA 50-500 3p F F



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT2N 160 TMA 50-500 3p F F   |
| Product ID            | 1SDA067015R1   |
| EAN                   | 8015644009212  |
| Catalog Description   | XT2N 160 TMA 50-500 3p F F   |
| Long Description      | C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 50 I3=250...500 A |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644009212 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 90 mm   |
| Product Net Height         | 130 mm  |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight         | 1.59 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 130 mm        |
| Package Level 1 Height         | 208 mm        |
| Package Level 1 Depth / Length | 145 mm        |
| Package Level 1 Gross Weight   | 1.674 kg      |
| Package Level 1 EAN            | 8015644009212 |

### Additional Information

|   |  |
|---|--|
| Circuit Breaker Type to be Associated                       | Power Distribution   |
| Current Type  | AC/DC  |
| Electrical Durability                                       | 120 cycles per hour<br>8000 cycle  |
| Mechanical Durability                                       | Nr. Operations 240 cycles per hour<br>Nr. Operations 25000 cycle   |
| Number of Poles   | 3  |
| Opening Time  | CB with SOR 15 ms<br>CB with UVR 15 ms   |
| Order Multiple  | 1 piece  |
| Power Loss  | at Rated Operating Conditions per Pole 4.09 W  |
| Product Main Type   | SACE Tmax XT   |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | 50 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 ( $I_i$ ) | 500 A  |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V   |
| Rated Operational Voltage                                   | 690 V AC<br>500 V DC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 160 A  |
| Release Type  | TM   |
| Setting Range   | 35...50 A  |

|                          |                              |
|--------------------------|------------------------------|
| Standards                | IEC                          |
| Sub-type                 | XT2                          |
| Terminal Connection Type | Fixed Circuit-Breakers Front |
| Version                  | F                            |

### Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0204<br>1SDC210099D0204 |
| Declaration of Conformity - CE    | 9AKK106713A5901                    |
| Environmental Information         | 1SDL000190R0001                    |
| GL Certificate                    | 1SDL000163R0093                    |
| Instructions and Manuals          | 1SDH000721R0001                    |
| LR Certificate                    | 1SDL000163R0100                    |

### Classifications

|                            |  |
|----------------------------|--|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | 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)                   |

### Categories

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

