

## PRODUCT-DETAILS

XT5S 630 TMA 500-5000 3p F F

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### General Information

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT5S 630 TMA 500-5000 3p F F                                                                                      |
| Product ID            | 1SDA100416R1                                                                                                      |
| EAN                   | 8056221004930                                                                                                     |
| Catalog Description   | XT5S 630 TMA 500-5000 3p F F                                                                                      |
| Long Description      | C.BREAKER TMAX XT5S 630 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 500 I3=2500...5000 |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8056221004930 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 140 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 4.775 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 250 mm        |
| Package Level 1 Height         | 245 mm        |
| Package Level 1 Depth / Length | 285 mm        |
| Package Level 1 Gross Weight   | 5.263 kg      |
| Package Level 1 EAN            | 8056221004930 |

## Environmental

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|------------------------------------------------------------------------|

## Additional Information

|                                                             |                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuit Breaker Type to be Associated                       | Power Distribution                                                                                                                                                                                                                                             |
| Current Type                                                | AC/DC                                                                                                                                                                                                                                                          |
| Electrical Durability                                       | 120 cycles per hour<br>5000 cycle                                                                                                                                                                                                                              |
| Mechanical Durability                                       | 240 cycles per hour<br>20000 cycle                                                                                                                                                                                                                             |
| Number of Poles                                             | 3                                                                                                                                                                                                                                                              |
| Order Multiple                                              | 1 piece                                                                                                                                                                                                                                                        |
| Power Loss                                                  | 33.5 W                                                                                                                                                                                                                                                         |
| Product Main Type                                           | SACE Tmax XT                                                                                                                                                                                                                                                   |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                                                                                                   |
| Product Type                                                | CB                                                                                                                                                                                                                                                             |
| Rated Current ( $I_n$ )                                     | 500 A                                                                                                                                                                                                                                                          |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                                                                                                                                                                                                           |
| Rated Instantaneous Short-Circuit Current Setting ( $I_s$ ) | 2500...5000 A                                                                                                                                                                                                                                                  |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                                                                                                                                                                                                                         |
| Rated Operational Voltage                                   | 690 V AC<br>750 V DC                                                                                                                                                                                                                                           |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 30 kA<br>(525 V AC) 30 kA<br>(690 V AC) 25 kA<br>(250 V DC) 2 Poles in Series 7.5 kA<br>(500 V DC) 2 Poles in Series 7.5 kA |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | 6 kA                                                                                                                                                                                                                                                           |

|                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 30 kA<br>(525 V AC) 30 kA<br>(690 V AC) 25 kA<br>(250 V DC) 2 Poles in Series 30 kA<br>(500 V DC) 2 Poles in Series 30 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 630 A                                                                                                                                                                                                                                                        |
| Release                                                     | TMA                                                                                                                                                                                                                                                          |
| Release Type                                                | TM                                                                                                                                                                                                                                                           |
| Setting Range                                               | 350...500 A                                                                                                                                                                                                                                                  |
| Short-Circuit Performance Level                             | S                                                                                                                                                                                                                                                            |
| Standards                                                   | IEC 60947                                                                                                                                                                                                                                                    |
| Sub-type                                                    | XT5                                                                                                                                                                                                                                                          |
| Terminal Connection Type                                    | Fixed Circuit-Breakers                                                                                                                                                                                                                                       |
| Version                                                     | F                                                                                                                                                                                                                                                            |

## Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0205<br>1SDC210099D0205 |
| Declaration of Conformity - CE    | 9AKK107680A2824                    |
| Instructions and Manuals          | 1SDH002011A1001                    |

## Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q                                                                            |
| 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

