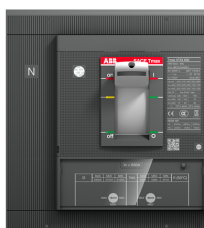


## PRODUCT-DETAILS

XT5S 630 TMG 500-2500 4p F F In=100%In

XT5S 630 TMG 500-2500 4p F F In=100%In



### General Information

|                       |                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT5S 630 TMG 500-2500 4p F F In=100%In                                                                                                   |
| Product ID            | 1SDA100478R1                                                                                                                             |
| EAN                   | 8056221005555                                                                                                                            |
| Catalog Description   | XT5S 630 TMG 500-2500 4p F F In=100%In                                                                                                   |
| Long Description      | C.BREAKER TMAX XT5S 630 FIXED WITH FRONT TERMINALS AND SOLID-STATE THERMOMAGNETIC RELEASE TMG R 500 I3=1250...2500 A FULLY RATED NEUTRAL |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8056221005555 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 186 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 5.6 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   | 6.088 kg      |
| Package Level 1 EAN            | 8056221005555 |

## Environmental

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

## Additional Information

|                                                             |                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuit Breaker Type to be Associated                       | Generator Protection                                                                                                                                                                                                                                           |
| 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                                             | 4                                                                                                                                                                                                                                                              |
| 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 ( $I_l$ ) | 1250...2500 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                                         |

|                                               |                                    |
|-----------------------------------------------|------------------------------------|
|                                               | (500 V DC) 2 Poles in Series 30 kA |
| Rated Uninterrupted Current (I <sub>u</sub> ) | 630 A                              |
| Release                                       | TMG                                |
| 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

