

## PRODUCT-DETAILS

XT6H 800 TMA 630-6300 3p F F

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### General Information

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT6H 800 TMA 630-6300 3p F F                                                                                      |
| Product ID            | 1SDA107587R1                                                                                                      |
| EAN                   | 8015644102401                                                                                                     |
| Catalog Description   | XT6H 800 TMA 630-6300 3p F F                                                                                      |
| Long Description      | C.BREAKER TMAX XT6H 800 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 630 I3=3150...6300 |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644102401 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 210 mm   |
| Product Net Height         | 268 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 9.5 kg   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 305 mm        |
| Package Level 1 Height         | 285 mm        |
| Package Level 1 Depth / Length | 370 mm        |
| Package Level 1 Gross Weight   | 9.6 kg        |
| Package Level 1 EAN            | 8015644102401 |

## 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                                                                                                                                                                                                        |
| Configuration Type                                          | Loose or configurable                                                                                                                                                                                                     |
| 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                                                  | 34.4 W                                                                                                                                                                                                                    |
| Product Main Type                                           | SACE Tmax XT                                                                                                                                                                                                              |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                                                              |
| Product Type                                                | CB                                                                                                                                                                                                                        |
| Rated Current ( $I_n$ )                                     | 630 A                                                                                                                                                                                                                     |
| Rated Frequency (f)                                         | 50/60 Hz                                                                                                                                                                                                                  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                                                                                                                                                                      |
| Rated Instantaneous Short-Circuit Current Setting ( $I_l$ ) | 3150...6300 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) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 50 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 25 kA<br>(250 V DC) 2 Poles in Series 35 kA |

|                                                                    |                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                    | (500 V DC) 2 Poles in Series 25 kA<br>(750 V DC) 3 Poles in Series 18 kA                                                                                                                                                                                        |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )                 | 10 kA                                                                                                                                                                                                                                                           |
| Rated Ultimate Short-<br>Circuit Breaking Capacity<br>( $I_{cu}$ ) | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 50 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 25 kA<br>(250 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 2 Poles in Series 50 kA |
| Rated Uninterrupted<br>Current ( $I_u$ )                           | 800 A                                                                                                                                                                                                                                                           |
| Release                                                            | TMA                                                                                                                                                                                                                                                             |
| Release Type                                                       | TM                                                                                                                                                                                                                                                              |
| Setting Range                                                      | 441...630 A                                                                                                                                                                                                                                                     |
| Short-Circuit Performance<br>Level                                 | H                                                                                                                                                                                                                                                               |
| Standards                                                          | IEC                                                                                                                                                                                                                                                             |
| Sub-type                                                           | XT6                                                                                                                                                                                                                                                             |
| Suitable for Product Class                                         | SACE Tmax XT                                                                                                                                                                                                                                                    |
| Terminal Connection Type                                           | Fixed Circuit-Breakers                                                                                                                                                                                                                                          |
| Version                                                            | F                                                                                                                                                                                                                                                               |

## Certificates and Declarations (Document Number)

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Data Sheet, Technical<br>Information | 1SDC210100D0205<br>1SDC210099D0205 |
| Declaration of Conformity<br>- CE    | 9AKK107680A2825                    |
| Instructions and Manuals             | 1SDH002012A1001                    |

## Classifications

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

