

## PRODUCT-DETAILS

# XT6N 800 Ekip Dip LS/I In=630 3p F F

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## General Information

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT6N 800 Ekip Dip LS/I In=630 3p F F                                                                            |
| Product ID            | 1SDA107562R1                                                                                                    |
| EAN                   | 8015644101756                                                                                                   |
| Catalog Description   | XT6N 800 Ekip Dip LS/I In=630 3p F F                                                                            |
| Long Description      | C.BREAKER TMAX XT6N 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 630 |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644101756 |
| 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   | 11 kg         |
| Package Level 1 EAN            | 8015644101756 |

## 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                                                                                                                                                                               |
| 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                                                  | 33.2 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 Insulation Voltage ( $U_i$ )                          | 1000 V                                                                                                                                                                           |
| Rated Operational Voltage                                   | 690 V AC                                                                                                                                                                         |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(240 V AC) 70 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(525 V AC) 25 kA<br>(690 V AC) 20 kA |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | 10 kA                                                                                                                                                                            |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(240 V AC) 70 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(525 V AC) 25 kA<br>(690 V AC) 20 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 800 A                                                                                                                                                                            |
| Release                                                     | Ekip Dip LS/I                                                                                                                                                                    |
| Release Type                                                | EL                                                                                                                                                                               |

|                                 |                        |
|---------------------------------|------------------------|
| Short-Circuit Performance Level | N                      |
| 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 Information               | 1SDC210100D0205<br>1SDC210099D0205 |
| Declaration of Conformity - 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 |

