

## PRODUCT-DETAILS

# XT7S M 1600 Ekip Dip LSI In=1600A 4p F F

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## General Information

|                       |                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT7S M 1600 Ekip Dip LSI In=1600A 4p F F                                                                                                              |
| Product ID            | 1SDA101661R1                                                                                                                                          |
| EAN                   | 8056221017053                                                                                                                                         |
| Catalog Description   | XT7S M 1600 Ekip Dip LSI In=1600A 4p F F                                                                                                              |
| Long Description      | C.BREAKER TMAX XT7S 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LSI R 1600 |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8056221017053 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 280 mm |
| Product Net Height         | 268 mm |
| Product Net Depth / Length | 178 mm |
| Product Net Weight         | 14 kg  |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 360 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 360 mm        |
| Package Level 1 Gross Weight   | 15.5 kg       |
| Package Level 1 EAN            | 8056221017053 |

## Environmental

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| Ambient Air Temperature | Operation -40 ... 125 °C                                               |
| 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                                                                                                                                                                               |
| Electrical Durability                                       | 120 cycles per hour<br>3000 cycle                                                                                                                                                |
| Mechanical Durability                                       | 240 cycles per hour<br>20000 cycle                                                                                                                                               |
| Number of Poles                                             | 4                                                                                                                                                                                |
| Order Multiple                                              | 1 piece                                                                                                                                                                          |
| Power Loss                                                  | at Rated Operating Conditions per Pole 94 W                                                                                                                                      |
| Product Main Type                                           | SACE Tmax XT                                                                                                                                                                     |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                     |
| Product Type                                                | CB                                                                                                                                                                               |
| Rated Current ( $I_n$ )                                     | 1600 A                                                                                                                                                                           |
| 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) 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) 45 kA<br>(525 V AC) 45 kA<br>(690 V AC) 30 kA |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | 20 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) 45 kA<br>(525 V AC) 45 kA<br>(690 V AC) 30 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 1600 A                                                                                                                                                                           |
| Release                                                     | Ekip Dip LSI                                                                                                                                                                     |
| Release Type                                                | EL                                                                                                                                                                               |
| Short-Circuit                                               | S                                                                                                                                                                                |

|                          |                        |
|--------------------------|------------------------|
| Performance Level        |                        |
| Standards                | IEC 60947              |
| Sub-type                 | XT7M                   |
| Terminal Connection Type | Fixed Circuit-Breakers |
| Version                  | F                      |

Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0205<br>1SDC210099D0205 |
| Declaration of Conformity - CE    | 9AKK107046A9648                    |
| Instructions and Manuals          | 1SDH002013A1001<br>1SDH002013A1002 |

Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| 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                                                                            |
| 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

