

PRODUCT-DETAILS

# XT7S 1600 Ekip Dip LSI In=1600A 3p F F

## XT7S 1600 Ekip Dip LSI In=1600A 3p F F



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT7S 1600 Ekip Dip LSI In=1600A 3p F F   |
| Product ID            | 1SDA100833R1   |
| EAN                   | 8056221008877  |
| Catalog Description   | XT7S 1600 Ekip Dip LSI In=1600A 3p F F   |
| Long Description      | C.BREAKER TMAX XT7S 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LSI R 1600 |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8056221008877 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 210 mm |
| Product Net Height         | 268 mm |
| Product Net Depth / Length | 166 mm |
| Product Net Weight         | 9.7 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 280 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 360 mm        |
| Package Level 1 Gross Weight   | 11.2 kg       |
| Package Level 1 EAN            | 8056221008877 |

### 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>10000 cycle   |
| Number of Poles   | 3  |
| 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 Performance Level                             | S  |
| Standards   | IEC 60947  |
| Sub-type  | XT7  |
| Terminal Connection Type                                    | Fixed Circuit-Breakers   |
| Version   | F  |

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### Certificates and Declarations (Document Number)

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

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### Classifications

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|                            |  |
|----------------------------|--|
| 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)                   |

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### Categories

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

