

## PRODUCT-DETAILS

# T6V 630 PR221DS-I In=630 4p F F

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## General Information

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| Extended Product Type | T6V 630 PR221DS-I In=630 4p F F                                                                           |
| Product ID            | 1SDA069422R1                                                                                              |
| EAN                   | 8015644701703                                                                                             |
| Catalog Description   | T6V 630 PR221DS-I In=630 4p F F                                                                           |
| Long Description      | C.BREAKER TMAX T6V 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 630 |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644701703 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 280 mm   |
| Product Net Height         | 268 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 12 kg    |

## Container Information

Package Level 1 EAN

8015644701703

## Additional Information

|                                                                    |                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Durability                                              | 7000 cycle<br>60 cycles per hour                                                                                                                                                                                                               |
| Mechanical Durability                                              | 20000 cycle<br>120 cycles per hour                                                                                                                                                                                                             |
| Number of Poles                                                    | 4                                                                                                                                                                                                                                              |
| Power Loss                                                         | at Rated Operating Conditions per Pole 30 W                                                                                                                                                                                                    |
| Product Main Type                                                  | SACE Tmax T                                                                                                                                                                                                                                    |
| Product Name                                                       | Moulded Case Circuit Breaker                                                                                                                                                                                                                   |
| Product Type                                                       | CB                                                                                                                                                                                                                                             |
| Rated Current ( $I_n$ )                                            | Main Circuit 630 A                                                                                                                                                                                                                             |
| Rated Impulse<br>Withstand Voltage ( $U_{imp}$ )                   | 8 kV                                                                                                                                                                                                                                           |
| Rated Insulation Voltage<br>( $U_i$ )                              | 1000 V                                                                                                                                                                                                                                         |
| Rated Operational<br>Voltage                                       | 690 V AC                                                                                                                                                                                                                                       |
| Rated Service Short-<br>Circuit Breaking<br>Capacity ( $I_{cs}$ )  | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 120 kA<br>(400 V AC) 120 kA<br>(415 V AC) 120 kA<br>(440 V AC) 100 kA<br>(500 V AC) 65 kA<br>(690 V AC) 30 kA                                                                             |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ )                 | for 1 s 7.6 kA                                                                                                                                                                                                                                 |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity ( $I_{cu}$ ) | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 150 kA<br>(400 V AC) 150 kA<br>(415 V AC) 150 kA<br>(440 V AC) 120 kA<br>(500 V AC) 85 kA<br>(690 V AC) 40 kA<br>(500 V DC) 2 Poles in Series 70 kA<br>(750 V DC) 3 Poles in Series 50 kA |
| Rated Uninterrupted<br>Current ( $I_u$ )                           | 630 A                                                                                                                                                                                                                                          |
| Release                                                            | PR221DS-I                                                                                                                                                                                                                                      |
| Release Type                                                       | EL                                                                                                                                                                                                                                             |
| Short-Circuit<br>Performance Level                                 | V                                                                                                                                                                                                                                              |
| Standards                                                          | IEC                                                                                                                                                                                                                                            |
| Sub-type                                                           | T6                                                                                                                                                                                                                                             |
| Suitable For                                                       | T6                                                                                                                                                                                                                                             |
| Suitable for Product<br>Class                                      | Moulded Case Circuit Breakers                                                                                                                                                                                                                  |
| Terminal Connection<br>Type                                        | Fixed Circuit-Breakers<br>Front                                                                                                                                                                                                                |
| Version                                                            | F                                                                                                                                                                                                                                              |

## Certificates and Declarations (Document Number)

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 9AKK105713A5946 |
| Declaration of<br>Conformity - CE    | 1SDL000165R0006 |
| Instructions and                     | 1SDC210033D0202 |

Manuals

**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 T

