

## PRODUCT-DETAILS

# T4V250 PR221DS-LS/I In100 3p FFC 1150VAC

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## General Information

|                       |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T4V250 PR221DS-LS/I In100 3p FFC 1150VAC                                                                                                |
| Product ID            | 1SDA054513R1                                                                                                                            |
| EAN                   | 8015644556150                                                                                                                           |
| Catalog Description   | T4V250 PR221DS-LS/I In100 3p FFC 1150VAC                                                                                                |
| Long Description      | C.BREAKER TMAX T4V 250 1150V AC FIXED THREE-POLE WITH FRONT TERMINALS<br>POUR CABLE Cu AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 100 |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644556150 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85352100      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 105 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 3.5 kg   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 248 mm        |
| Package Level 1 Height         | 240 mm        |
| Package Level 1 Depth / Length | 285 mm        |
| Package Level 1 Gross Weight   | 3.5 kg        |
| Package Level 1 EAN            | 8015644556150 |

## Additional Information

|                                                             |                                                   |
|-------------------------------------------------------------|---------------------------------------------------|
| Electrical Durability                                       | 8000 cycle<br>120 cycles per hour                 |
| Mechanical Durability                                       | 20000 cycle<br>240 cycles per hour                |
| Number of Poles                                             | 3                                                 |
| Power Loss                                                  | at Rated Operating Conditions per Pole 1.7 W      |
| Product Main Type                                           | SACE Tmax T                                       |
| Product Name                                                | Moulded Case Circuit Breaker                      |
| Product Type                                                | CB                                                |
| Rated Current ( $I_n$ )                                     | Main Circuit 100 A                                |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                              |
| Rated Insulation Voltage ( $U_i$ )                          | 1150 V                                            |
| Rated Operational Voltage                                   | 1150 V AC                                         |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (1000 V AC) 12 kA<br>(1150 V AC) 6 kA             |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (1000 V AC) 20 kA<br>(1150 V AC) 12 kA            |
| Rated Uninterrupted Current ( $I_u$ )                       | 250 A                                             |
| Release                                                     | PR221DS-LS/I                                      |
| Release Type                                                | EL                                                |
| Short-Circuit Performance Level                             | V                                                 |
| Standards                                                   | IEC 60947                                         |
| Sub-type                                                    | T4                                                |
| Suitable For                                                | T4                                                |
| Suitable for Product Class                                  | Moulded Case Circuit Breakers                     |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front for Copper Cables |
| Test Voltage Max ( $U_{test}$ )                             | 3500 V                                            |
| Version                                                     | F                                                 |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 1SDL000165R0004 |
| Environmental Information         | 1SDL000143R0    |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and Manuals          | 1SDH000436R0001 |

|                                      |                 |
|--------------------------------------|-----------------|
| Instructions and<br>Manuals (Part 2) | ITSCE-RH0100001 |
| RoHS Information                     | 1SDL000200R0001 |

**Classifications**

|                               |                                                                              |
|-------------------------------|------------------------------------------------------------------------------|
| ETIM 4                        | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                        | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                        | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                        | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification<br>Code | Q                                                                            |
| UNSPSC                        | 39121100                                                                     |
| 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

