

## PRODUCT-DETAILS

# T7H 1600 PR331/P L SIG In=1600A 4p F F M

# T7H 1600 PR331/P L SIG In=1600A 4p F F M



## General Information

|                       |                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T7H 1600 PR331/P L SIG In=1600A 4p F F M                                                                                                              |
| Product ID            | 1SDA063052R1                                                                                                                                          |
| EAN                   | 8015644656010                                                                                                                                         |
| Catalog Description   | T7H 1600 PR331/P L SIG In=1600A 4p F F M                                                                                                              |
| Long Description      | C.BREAKER TMAX T7H 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR331/P-L SIG R 1600 |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644656010 |
| 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            | 8015644656010 |

## Additional Information

|                                                             |                                                                                                                                                                  |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Durability                                       | 2000 cycle<br>60 cycles per hour                                                                                                                                 |
| Mechanical Durability                                       | 10000 cycle<br>60 cycles per hour                                                                                                                                |
| Number of Poles                                             | 4                                                                                                                                                                |
| Power Loss                                                  | at Rated Operating Conditions per Pole 77 W                                                                                                                      |
| Product Main Type                                           | SACE Tmax T                                                                                                                                                      |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                     |
| Product Type                                                | CB                                                                                                                                                               |
| Rated Current ( $I_n$ )                                     | Main Circuit 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) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 70 kA<br>(400 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(690 V AC) 31.5 kA |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | for 1 s 20 kA                                                                                                                                                    |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 70 kA<br>(400 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(690 V AC) 42 kA   |
| Rated Uninterrupted Current ( $I_u$ )                       | 1600 A                                                                                                                                                           |
| Release                                                     | PR331/P LSIG                                                                                                                                                     |
| Release Type                                                | EL                                                                                                                                                               |
| Short-Circuit Performance Level                             | H                                                                                                                                                                |
| Standards                                                   | IEC                                                                                                                                                              |
| Sub-type                                                    | T7                                                                                                                                                               |
| Suitable For                                                | T7M                                                                                                                                                              |
| Suitable for Product Class                                  | Moulded Case Circuit Breakers                                                                                                                                    |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front                                                                                                                                  |
| Version                                                     | F                                                                                                                                                                |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210015D0201 |
| Declaration of Conformity - CE    | 1SDL000165R0007 |
| Environmental Information         | 1SDC210015D0201 |
| GL Certificate                    | 1SDL000163R0053 |
| Instructions and Manuals          | 1SDC210015D0201 |
| RoHS Information                  | 1SDL000201R0001 |

**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 Code | Q                                                                            |
| UNSPSC                     | 39120000                                                                     |
| 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

