

# T7H 1600 PR231/P I In=1600A 3p F F



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

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | T7H 1600 PR231/P I In=1600A 3p F F   |
| <b>Product ID:</b>            | 1SDA063025R1   |
| <b>EAN:</b>                   | 8015644655747  |
| <b>Catalog Description:</b>   | T7H 1600 PR231/P I In=1600A 3p F F   |
| <b>Long Description:</b>      | C.BREAKER TMAX T7H 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR231/P-I R 1600 |

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 8015644655747 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 85362090      |

## Dimensions

|                                    |        |
|------------------------------------|--------|
| <b>Product Net Width:</b>          | 210 mm |
| <b>Product Net Height:</b>         | 268 mm |
| <b>Product Net Depth / Length:</b> | 154 mm |
| <b>Product Net Weight:</b>         | 9.7 kg |

## Container Information

|  |               |
|--|---------------|
| <b>Package Level 1 Units:</b>          | 1 piece       |
| <b>Package Level 1 Width:</b>          | 280 mm        |
| <b>Package Level 1 Height:</b>         | 350 mm        |
| <b>Package Level 1 Depth / Length:</b> | 360 mm        |
| <b>Package Level 1 Gross Weight:</b>   | 11.2 kg       |
| <b>Package Level 1 EAN:</b>            | 8015644655747 |

## Additional Information

|                               |   |
|-------------------------------|---|
| <b>Electrical Durability:</b> | 2000 cycle<br>60 cycles per hour            |
| <b>Mechanical Durability:</b> | 10000 cycle<br>60 cycles per hour           |
| <b>Number of Poles:</b>       | 3   |
| <b>Power Loss:</b>            | at Rated Operating Conditions per Pole 77 W |
| <b>Product Main Type:</b>     | SACE Tmax T                                 |

|   |  |
|---|--|
| <b>Product Name:</b>  | Moulded Case Circuit Breaker   |
| <b>Product Type:</b>  | CB   |
| <b>Rated Current (I<sub>n</sub>):</b>                                   | Main Circuit 1600 A  |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>               | 8 kV   |
| <b>Rated Insulation Voltage (U<sub>i</sub>):</b>                        | 1000 V   |
| <b>Rated Operational Voltage:</b>                                       | 690 V AC   |
| <b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>  | (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 |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>             | for 1 s 20 kA  |
| <b>Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):</b> | (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   |
| <b>Rated Uninterrupted Current (I<sub>u</sub>):</b>                     | 1600 A   |
| <b>Release Type:</b>  | EL   |
| <b>Standards:</b>   | IEC  |
| <b>Sub-type:</b>  | T7   |
| <b>Suitable For:</b>  | T7   |
| <b>Suitable for Product Class:</b>                                      | Moulded Case Circuit Breakers  |
| <b>Terminal Connection Type:</b>  | Fixed Circuit-Breakers<br>Front  |
| <b>Version:</b>   | F  |

## Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SDC210015D0201 |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0007 |
| <b>Environmental Information:</b>         | 1SDC210015D0201 |
| <b>GL Certificate:</b>                    | 1SDL000163R0053 |
| <b>Instructions and Manuals:</b>          | 1SDC210015D0201 |
| <b>RoHS Information:</b>                  | 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.

**Object Classification Code:** Q

**UNSPSC:** 39121100

