

PRODUCT-DETAILS

T7S 1600 PR331/P L SIG In=1600A 3p F F M

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General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | T7S 1600 PR331/P L SIG In=1600A 3p F F M   |
| Product ID            | 1SDA063012R1   |
| EAN                   | 8015644655617  |
| Catalog Description   | T7S 1600 PR331/P L SIG In=1600A 3p F F M   |
| Long Description      | C.BREAKER TMAX T7S 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR331/P-L SIG R 1600 |

Circular Value

|   |                 |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326 |

Environmental

|                           |  |
|---------------------------|--|
| Environmental Information | 9AKK10103A1059<br>9AKK108467A6707                                      |
| REACH Declaration         | 9AKK108466A1425  |
| RoHS Information          | 9AKK108466A1424  |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Ordering

|                          |                   |
|--------------------------|-------------------|
| Order Code US and Canada | T7MSFC3AE000000XX |
| EAN                      | 8015644655617     |
| Minimum Order Quantity   | 1 piece           |
| Customs Tariff Number    | 85362090          |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 210 mm |
| Product Net Height         | 268 mm |
| Product Net Depth / Length | 178 mm |
| Product Net Weight         | 11 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   | 12.5 kg       |
| Package Level 1 EAN            | 8015644655617 |

Additional Information

|   |  |
|---|--|
| Electrical Durability                                       | 2000 cycle<br>60 cycles per hour   |
| Mechanical Durability                                       | 10000 cycle<br>60 cycles per hour  |
| Number of Poles   | 3  |
| Power Loss  | at Rated Operating Conditions per Pole 77 W  |
| Product Main Type   | SACE Tmax T  |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | Automatic Circuit Breaker  |
| 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>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 40 kA<br>(690 V AC) 30 kA |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 20 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA   |

|   |                                      |
|---|--------------------------------------|
|   | (500 V AC) 40 kA<br>(690 V AC) 30 kA |
| Rated Uninterrupted Current (I <sub>u</sub> ) | 1600 A                               |
| Release                                       | PR331/P LSIG                         |
| Release Type                                  | EL                                   |
| Short-Circuit Performance Level               | S                                    |
| 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

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210015D0201 |
| Declaration of Conformity - CE    | 9AKK106713A5537 |
| GL Certificate                    | 1SDL000163R0055 |
| Instructions and Manuals          | 1SDC210015D0201 |

Classifications

|                            |  |
|----------------------------|--|
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                     | 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)                   |
| eClass                     | V11.1 : 27370409   |

Categories

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

