



PRODUCT-DETAILS

T7S 1000 PR231/P LS/I In=1000A 3p F F M

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| General Information   |                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T7S 1000 PR231/P LS/I In=1000A 3p F F M                                                                                                               |
| Product ID            | 1SDA062754R1                                                                                                                                          |
| EAN                   | 8015644653033                                                                                                                                         |
| Catalog Description   | T7S 1000 PR231/P LS/I In=1000A 3p F F M                                                                                                               |
| Long Description      | C.BREAKER TMAX T7S 1000 FIXED THREE-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR231/P-LS/I R 1000 |

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SCIP                      | b8867a07-64db-4e2f-90ea-5a115bf8947f Italy (IT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Simplified SCIP           | 6644c2f0-e6fd-4946-8327-deb077612d18 Germany (DE)<br>5d3e86fd-49cd-4297-a74a-9542f0e34844 Spain (ES)<br>9983727a-0831-4b4e-8bfc-501b83aaf726 Netherlands (NL)<br>6ef0dad3-385f-4844-95c2-688cbcef9c62 Norway (NO)<br>be34d825-3209-4648-a5a9-1a58a1c3ab03 Poland (PL)<br>36cd487b-05f1-479f-878d-4e55f0de2b37 Finland (FI)<br>87f1eb73-0514-4e65-8805-979b0e53c58e Germany (DE)<br>656ebd45-33e6-424d-9519-09bec7fb067d Denmark (DK)<br>338addea-0a19-4bdf-9f23-5e9eac77bacd Germany (DE)<br>ff47c574-c8a3-4004-ba1d-2f931d6bd909 Czech Republic (CZ)<br>81de8319-c957-4985-9bd9-00b9237e0a09 Poland (PL)<br>f0bbe5e-3f6d-40e5-9811-c40bd78f2e88 Netherlands (NL)<br>768dc1b0-cc12-4340-a50d-94d6a14af506 Netherlands (NL)<br>06337441-b378-4cf0-b027-808fa8a5c560 Estonia (EE)<br>618a1a0f-7453-4c3a-9815-f35b8ec85f9f Greece (GR)<br>e3ecb0c8-d2cf-4458-a163-c3dd04a6b2b5 Portugal (PT)<br>9ddc3bd9-1c3e-445c-a9af-8e1fce9ec0e0 Bulgaria (BG)<br>f94eebb6-9e2c-4f24-845a-e825b88232b4 Sweden (SE)<br>efcf6bc3-6bea-47a0-8811-e848c2f8e817 Poland (PL)<br>bcd4fd7f-3eb2-4688-be59-f3f6600eef60 France (FR)<br>0b60a9e6-532a-4db5-b734-e18154e6a0ff Sweden (SE)<br>3598acdb-2d14-4015-8f04-31c4af9d5112 Netherlands (NL)<br>b2bab38f-fdc9-4e01-a4ae-19f94a56c357 Croatia (HR)<br>24cbfc71-2738-4e63-88c1-b0b281b23869 Germany (DE)<br>d27e6811-db0a-43d1-8359-e86a6d3de49e Germany (DE)<br>50d18547-57f2-4869-b78b-66db1f6b0031 France (FR)<br>cc46646c-c245-44d2-9387-22b20e9f1d93 Netherlands (NL) |

Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644653033 |
| 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         | 14.725 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   | 15.5 kg       |
| Package Level 1 EAN            | 8015644653033 |

## 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 30 W                                                                                                                  |
| Product Main Type                                           | SACE Tmax T                                                                                                                                                  |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                 |
| Product Type                                                | Automatic Circuit Breaker                                                                                                                                    |
| Rated Current ( $I_n$ )                                     | 1000 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<br>(500 V AC) 40 kA<br>(690 V AC) 30 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 1000 A                                                                                                                                                       |
| Release                                                     | PR231/P-LS/I                                                                                                                                                 |
| 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                  | 1SDC210015D0201 |

Manuals

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

