



## PRODUCT-DETAILS

# T4L 250 BREAKING PART 4p F F

# T4L 250 BREAKING PART 4p F F

## General Information

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Extended Product Type | T4L 250 BREAKING PART 4p F F                                    |
| Product ID            | 1SDA054565R1                                                    |
| EAN                   | 8015644556631                                                   |
| Catalog Description   | T4L 250 BREAKING PART 4p F F                                    |
| Long Description      | BREAKING PART TMAX T4L 250 FIXED FOUR-POLE WITH FRONT TERMINALS |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644556631 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85389099      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 140 mm   |
| Product Net Height         | 162 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 3.05 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            | 8015644556631 |

## Additional Information

|                                                             |                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device                                                      | Breaking Part                                                                                                                                                                                                                                                                         |
| Electrical Durability                                       | 8000 cycle<br>120 cycles per hour                                                                                                                                                                                                                                                     |
| Mechanical Durability                                       | 20000 cycle<br>240 cycles per hour                                                                                                                                                                                                                                                    |
| Number of Poles                                             | 4                                                                                                                                                                                                                                                                                     |
| Product Main Type                                           | SACE Tmax T                                                                                                                                                                                                                                                                           |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                                                                                                                          |
| Product Type                                                | CBBU                                                                                                                                                                                                                                                                                  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                                                                                                                                                                                                                                  |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                                                                                                                                                                                                                                                |
| Rated Operational Voltage                                   | 690 V AC<br>750 V DC                                                                                                                                                                                                                                                                  |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 120 kA<br>(400 V AC) 120 kA<br>(415 V AC) 120 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(690 V) 70 kA                                                                                                                       |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | for 1 s 5 A                                                                                                                                                                                                                                                                           |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 120 kA<br>(400 V AC) 120 kA<br>(415 V AC) 120 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(690 V AC) 70 kA<br>(250 V DC) 2 Poles in Series 100 kA<br>(500 V DC) 2 Poles in Series 70 kA<br>(750 V DC) 3 Poles in Series 50 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 250 A                                                                                                                                                                                                                                                                                 |
| Short-Circuit Performance Level                             | L                                                                                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                       |
| Test Voltage Max ( $U_{test}$ )                             | 3500 V                                                                                                                                                                                                                                                                                |
| Test Voltage at Industrial Frequency for 1 Minute           | 3500 V                                                                                                                                                                                                                                                                                |
| Version                                                     | F                                                                                                                                                                                                                                                                                     |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 1SDL000165R0001 |
| Environmental Information         | 1SDL000143R0    |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and Manuals          | 1SDH000436R0001 |
| Instructions and Manuals (Part 2) | ITSCE-RH0100001 |
| RoHS Information                  | 1SDL000200R0001 |

## Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| 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                                                                            |
| 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