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PRODUCT-DETAILS

# T4H 250 TMA 100-1000 4p F F

## T4H 250 TMA 100-1000 4p F F

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### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | T4H 250 TMA 100-1000 4p F F  |
| Product ID            | 1SDA054220R1   |
| EAN                   | 8015644552572  |
| Catalog Description   | T4H 250 TMA 100-1000 4p F F  |
| Long Description      | C.BREAKER TMAX T4H 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 100 I3=500...1000 A |

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### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644552572 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

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### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 140 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 3.05 kg  |

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### Container Information

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|                                |               |
|--------------------------------|---------------|
| 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            | 8015644552572 |

## Environmental

|   |  |
|---|--|
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | Document availability on demand  |
| Environmental Information                   | 9AKK10103A1057   |
| REACH Declaration                           | 9AKK108466A1425  |
| RoHS Information                            | 9AKK108466A1424  |

## Additional Information

|   |  |
|---|--|
| Electrical Durability                                       | 8000 cycle<br>120 cycles per hour  |
| Mechanical Durability                                       | 20000 cycle<br>240 cycles per hour   |
| Number of Poles   | 4  |
| Power Loss  | at Rated Operating Conditions per Pole 5.2 W   |
| Product Main Type   | SACE Tmax T  |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | 100 A  |
| 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) 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) 40 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) 40 kA<br>(250 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 2 Poles in Series 50 kA<br>(750 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 250 A  |
| Release   | TMA  |
| Release Type  | TM   |
| Short-Circuit   | H  |

## Performance Level

|                                       |                               |
|---------------------------------------|-------------------------------|
| Standards                             | IEC 60947                     |
| Sub-type                              | T4                            |
| Suitable For                          | T4                            |
| Suitable for Product Class            | Moulded Case Circuit Breakers |
| Terminal Connection Type              | Fixed Circuit-Breakers Front  |
| Test Voltage Max (U <sub>test</sub> ) | 3500 V                        |
| Version                               | F                             |

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**Certificates and Declarations (Document Number)**

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 9AKK106713A5540 |
| Environmental Information         | 9AKK10103A1057  |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and Manuals          | 1SDH000436R0001 |
| REACH Declaration                 | 9AKK108466A1425 |
| RoHS Information                  | 9AKK108466A1424 |

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**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 |
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q  |
| UNSPSC                     | 39121100   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                     | V11.1 : 27370409   |

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**Categories**

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

