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PRODUCT-DETAILS

**T4L 250 MA 160-2240 3p F F**

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**General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | T4L 250 MA 160-2240 3p F F  |
| Product ID            | 1SDA054311R1  |
| EAN                   | 8015644554088   |
| Catalog Description   | T4L 250 MA 160-2240 3p F F  |
| Long Description      | C.BREAKER TMAX T4L 250 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA lu 160 I3=960...2240 A |

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**Ordering**

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644554088 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

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**Dimensions**

|                            |          |
|----------------------------|----------|
| Product Net Width          | 105 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 2.35 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   | 2.5 kg        |
| Package Level 1 EAN            | 8015644554088 |

## Additional Information

|   |   |
|---|---|
| Electrical Durability                                       | 8000 cycle<br>120 cycles per hour   |
| Mechanical Durability                                       | 20000 cycle<br>240 cycles per hour  |
| Number of Poles   | 3   |
| Power Loss  | at Rated Operating Conditions per Pole 7.4 W  |
| Product Main Type   | SACE Tmax T   |
| Product Name  | Moulded Case Circuit Breaker  |
| Product Type  | CB  |
| Rated Current ( $I_n$ )                                     | Main Circuit 160 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) 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 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   |
| Release   | MA  |
| Release Type  | M   |
| 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  |
| Version   | F   |

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 1SDL000165R0004 |
| Environmental Information         | 1SDL000140R0    |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and Manuals          | 1SDH000436R0001 |
| RoHS Information                  | 1SDL000200R0001 |

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## Classifications

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|----------------------------|--|
| 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 |
| Object Classification Code | Q  |
| UNSPSC                     | 39121100   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |

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## Categories

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