Automatización Eléctrica
Especialistas en Automatización

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# T1C 160 TMD125-1250 3p F FC Cu (1 ├ù70mm2)

## General Information

| | |
|---|---|
| **Extended Product Type:** | T1C 160 TMD125-1250 3p F FC Cu (1 ├ù70mm2) |
| **Product ID:** | 1SDA050901R1 |
| **EAN:** | 8015644513139 |
| **Catalog Description:** | T1C 160 TMD125-1250 3p F FC Cu (1 ├ù70mm2) |
| **Long Description:** | C.BREAKER TMAX T1C 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm2 AND THERMOMAGNETIC RELEASE TMD R 125-1250 A |

## Categories

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

## Ordering

| | |
|---|---|
| **EAN:** | 8015644513139 |
| **Minimum Order Quantity:** | 1 piece |
| **Customs Tariff Number:** | 85362090 |

## Dimensions

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|---|---|
| **Product Net Width:** | 76 mm |
| **Product Net Height:** | 130 mm |
| **Product Net Depth:** | 70 mm |
| **Product Net Weight:** | 1 kg |

## Container Information

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|---|---|
| **Package Level 1 Units:** | 1 piece |
| **Package Level 1 Width:** | 128 mm |
| **Package Level 1 Height:** | 135 mm |
| **Package Level 1 Length:** | 143 mm |
| **Package Level 1 Gross Weight:** | 1.11 kg |
| **Package Level 1 EAN:** | 8015644513139 |

## Environmental

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|---|---|
| **RoHS Status:** | Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01 |

## Additional Information

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|---|---|
| **Electrical Durability:** | 8000 cycle<br>120 cycles per hour |
| **IIT Publishing Status:** | Level 0 - Information enabled |
| **Mechanical Durability:** | 25000 cycle<br>240 cycles per hour |
| **Number of Poles:** | 3 |
| **Power Loss:** | at Rated Operating Conditions per Pole 10,7 W |
| **Product Main Type:** | SACE Tmax T |
| **Product Name:** | Automatic Circuit Breaker |
| **Product Type:** | CB |
| **Rated Current ($I_n$):** | 125 A |
| **Rated Impulse Withstand Voltage ($U_{imp}$):** | 8 kV |
| **Rated Insulation Voltage ($U_i$):** | 800 V |
| **Rated Operational Voltage:** | 690 V AC<br>500 V DC |
| **Rated Service Short-Circuit Breaking Capacity ($I_{cs}$):** | (220 V AC) 30 kA<br>(230 V AC) 30 kA<br>(380 V AC) 25 kA<br>(415 V AC) 25 kA<br>(440 V AC) 11,25 kA<br>(500 V AC) 7,5 kA<br>(690 V AC) 3 kA |
| **Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$):** | (220 V AC) 4 kA<br>(230 V AC) 4 kA<br>(380 V AC) 25 kA<br>(415 V AC) 25 kA<br>(440 V AC) 15 kA |

| | |
|---|---|
| | (500 V AC) 10 kA<br>(690 V AC) 4 kA<br>(250 V DC) 2 Poles in Series 25 kA<br>(250 V DC) 3 Poles in Series 30 kA<br>(500 V DC) 3 Poles in Series 25 kA |
| **Rated Uninterrupted Current ($I_u$):** | 160 A |
| **Release Type:** | TM |
| **Standards:** | IEC 60947 |
| **Sub-type:** | T1 |
| **Suitable For:** | T1 |
| **Suitable for Product Class:** | Moulded Case Circuit Breakers |
| **Terminal Connection Type:** | Fixed Circuit-Breakers<br>Front for Copper Cables |
| **Test Voltage at Industrial Frequency for 1 Minute:** | 3000 V |
| **Test Voltage Max ($U_{test}$):** | 3000 V |
| **Version:** | F |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| **Data Sheet, Technical Information:** | 1SDC210004D0203 |
| **Data Sheet, Technical Information (Part 2):** | 1SDM000030R0001 |
| **Declaration of Conformity - CE:** | 1SDL000165R0001 |
| **GL Certificate:** | 1SDL000163R0058 |
| **RoHS Information:** | 1SDL000200R0001 |

## Classifications

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|---|---|
| **E-nummer:** | 3180049 |
| **Object Classification Code:** | Q |
| **UNSPSC:** | 39121100 |

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