



Electric Automation
Automation specialists

Reference: T1B160
Code: 1SDA050878R1

T1B 160 TMD100-1000 3p F FC Cu
(1 \times 70mm²)

Buy it at [Electric Automation Network](#)



C.BREAKER TMAX T1B 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm² AND THERMOMAGNETIC RELEASE TMD R 100-1000 A

Ordering

| | |
|-------------------------|---------------|
| EAN: | 8015644512903 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85362090 |

Dimensions

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

Container Information

| | |
|-------------------------------|---------|
| 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: | 8015644512903 |
|----------------------|---------------|

Environmental

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

Additional Information

| | |
|--|--|
| Electrical Durability: | 8000 cycle 120 cycles per hour |
| IIT Publishing Status: | Level 0 - Information enabled |
| Mechanical Durability: | 25000 cycle 240 cycles per hour |
| Number of Poles: | 3 |
| Power Loss: | at Rated Operating Conditions per Pole 7 W |
| Product Main Type: | SACE Tmax T |
| Product Name: | Automatic Circuit Breaker |
| Product Type: | CB |
| Rated Current (I_n): | 100 A |
| Rated Impulse Withstand Voltage (U_{imp}): | 8 kV |
| Rated Insulation Voltage (U_i): | 800 V |
| Rated Operational Voltage: | 690 V AC 500 V DC |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}): | (220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}): | (220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 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 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

| | |
|-----------------------------|----------|
| Object Classification Code: | Q |
| UNSPSC: | 39121100 |