

# T1B 160 TMF80-800 1p F FC Cu (1 70mm<sup>2</sup>)



## General Information

|                        |  |
|------------------------|--|
| Extended Product Type: | T1B 160 TMF80-800 1p F FC Cu (1 70mm <sup>2</sup> )  |
| Product ID:            | 1SDA052623R1   |
| EAN:                   | 8015644532871  |
| Catalog Description:   | T1B 160 TMF80-800 1p F FC Cu (1 70mm <sup>2</sup> )  |
| Long Description:      | C.BREAKER TMAX T1B 160 FIXED SINGLE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm <sup>2</sup> AND THERMOMAGNETIC RELEASE TMF R 80-800 A |

## Categories

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

## Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644532871 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

## Dimensions

|                     |         |
|---------------------|---------|
| Product Net Width:  | 25 mm   |
| Product Net Height: | 130 mm  |
| Product Net Depth:  | 70 mm   |
| Product Net Weight: | 0.35 kg |

## Container Information

|                               |               |
|-------------------------------|---------------|
| Package Level 1 Units:        | 1 piece       |
| Package Level 1 Width:        | 117.5 mm      |
| Package Level 1 Height:       | 35 mm         |
| Package Level 1 Length:       | 140 mm        |
| Package Level 1 Gross Weight: | 0.42 kg       |
| Package Level 1 EAN:          | 8015644532871 |

## 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<br>120 cycles per hour   |
| IIT Publishing Status:   | Level 0 - Information enabled   |
| Mechanical Durability:   | 25000 cycle<br>240 cycles per hour  |
| Number of Poles:   | 1   |
| Power Loss:  | at Rated Operating Conditions per Pole 4,8 W  |
| Product Main Type:   | SACE Tmax T   |
| Product Name:  | Automatic Circuit Breaker   |
| Product Type:  | CB  |
| Rated Current (I <sub>n</sub> ):                                   | 80 A  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):               | 8 kV  |
| Rated Insulation Voltage (U <sub>i</sub> ):                        | 800 V   |
| Rated Operational Voltage:   | 240 V AC<br>125 V DC  |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ):  | (220 V AC) 18 kA<br>(230 V AC) 18 kA<br>(380 V AC) 16 kA<br>(415 V AC) 16 kA<br>(440 V AC) 10 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ): | (220 V AC) 2.5 kA<br>(230 V AC) 2.5 kA<br>(380 V AC) 16 kA<br>(415 V AC) 16 kA<br>(440 V AC) 10 kA<br>(500 V AC) 8 kA<br>(125 V DC) 25 kA |

|   |   |
|---|---|
|   | (250 V DC) 3 Poles in Series 20 kA                |
| <b>Rated Uninterrupted Current (I<sub>u</sub>):</b> | 160 A   |
| <b>Release Type:</b>                                | TM  |
| <b>Standards:</b>                                   | IEC 60947   |
| <b>Sub-type:</b>                                    | T1  |
| <b>Suitable For:</b>                                | T1  |
| <b>Suitable for Product Class:</b>                  | Moulded Case Circuit Breakers                     |
| <b>Terminal Connection Type:</b>                    | Fixed Circuit-Breakers<br>Front for Copper Cables |
| <b>Test Voltage Max (U<sub>test</sub>):</b>         | 3000 V  |
| <b>Version:</b>                                     | F   |

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### Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SDC210004D0203 |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0001 |
| <b>GL Certificate:</b>                    | 1SDL000163R0058 |
| <b>RoHS Information:</b>                  | 1SDL000200R0001 |

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### Classifications

|                                    |   |
|------------------------------------|---|
| <b>Object Classification Code:</b> | Q |
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