



**Electric Automation**  
Automation specialists

Reference: T2N160  
Code: 1SDA050963R1

T2N 160 TMD2-20 4p F F

Buy it at Electric Automation Network



C.BREAKER TMAX T2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 2-20 A

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644513825 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

### Dimensions

|                     |         |
|---------------------|---------|
| Product Net Width:  | 120 mm  |
| Product Net Height: | 130 mm  |
| Product Net Depth:  | 70 mm   |
| Product Net Weight: | 1.45 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: | 1.55 kg |

|                      |               |
|----------------------|---------------|
| Package Level 1 EAN: | 8015644513825 |
|----------------------|---------------|

## 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:   | 4   |
| Power Loss:  | at Rated Operating Conditions per Pole 2,5 W  |
| Product Main Type:   | SACE Tmax T   |
| Product Name:  | Automatic Circuit Breaker   |
| Product Type:  | CB  |
| Rated Current ( $I_n$ ):                                     | 2 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) 65 kA<br>(230 V AC) 65 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ): | (220 V AC) 6.5 kA<br>(230 V AC) 6.5 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(690 V AC) 6 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(250 V DC) 3 Poles in Series 40 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current ( $I_u$ ):                       | 160 A   |
| Release Type:  | TM  |
| Standards:   | IEC 60947   |
| Sub-type:  | T2  |
| Suitable For:  | T2  |
| Suitable for Product Class:                                  | Moulded Case Circuit Breakers   |

|  |                                 |
|--|---------------------------------|
| Terminal Connection Type:                          | Fixed Circuit-Breakers<br>Front |
| 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:             | 1SDL000165R0002 |
| GL Certificate:                             | 1SDL000163R0059 |
| RoHS Information:                           | 1SDL000200R0001 |

### Classifications

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