



**Electric Automation**  
Automation specialists

Reference: T3N250  
Code: 1SDA055115R1

T3N 250 TMG 125-400 4p F F InN=100%  
In

Buy it at Electric Automation Network



C.BREAKER TMAX T3N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 125-400 A FULLY RATED

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644562595 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

### Dimensions

|                     |        |
|---------------------|--------|
| Product Net Width:  | 140 mm |
| Product Net Height: | 150 mm |
| Product Net Depth:  | 70 mm  |
| Product Net Weight: | 2 kg   |

### Container Information

|                               |         |
|-------------------------------|---------|
| Package Level 1 Units:        | 1 piece |
| Package Level 1 Width:        | 155 mm  |
| Package Level 1 Height:       | 190 mm  |
| Package Level 1 Length:       | 155 mm  |
| Package Level 1 Gross Weight: | 2.1 kg  |

|                      |               |
|----------------------|---------------|
| Package Level 1 EAN: | 8015644562595 |
|----------------------|---------------|

## 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 6,6 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) 37,5 kA<br>(230 V AC) 37,5 kA<br>(380 V AC) 27 kA<br>(400 V AC) 27 kA<br>(415 V AC) 27 kA<br>(440 V AC) 18 kA<br>(500 V AC) 15 kA<br>(690 V AC) 3,75 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ): | (220 V AC) 5 kA<br>(230 V AC) 5 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 25 kA<br>(500 V AC) 20 kA<br>(690 V AC) 5 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 ( $I_u$ ):                       | 250 A   |
| Release Type:  | TM  |
| Standards:   | IEC 60947   |
| Sub-type:  | T3  |
| Suitable For:  | T3  |

|  |                                 |
|--|---------------------------------|
| 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 |
| Declaration of Conformity - CE:    | 1SDL000165R0003 |
| GL Certificate:                    | 1SDL000163R0060 |
| RoHS Information:                  | 1SDL000200R0001 |

### Classifications

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