



**Electric Automation**  
Automation specialists

Reference: T3N250  
Code: 1SDA055111R1

T3N 250 TMG 250-750 3p F F

Buy it at Electric Automation Network



C.BREAKER TMAX T3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 250-750 A

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644562557 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

### Dimensions

|                     |        |
|---------------------|--------|
| Product Net Width:  | 105 mm |
| Product Net Height: | 150 mm |
| Product Net Depth:  | 70 mm  |
| Product Net Weight: | 1.6 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: | 1.7 kg  |

|                      |               |
|----------------------|---------------|
| Package Level 1 EAN: | 8015644562557 |
|----------------------|---------------|

## 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:                                             | 3                                                                                                                                                                                                                                                                           |
| Power Loss:                                                  | at Rated Operating Conditions per Pole 17,8 W                                                                                                                                                                                                                               |
| Product Main Type:                                           | SACE Tmax T                                                                                                                                                                                                                                                                 |
| Product Name:                                                | Automatic Circuit Breaker                                                                                                                                                                                                                                                   |
| Product Type:                                                | CB                                                                                                                                                                                                                                                                          |
| Rated Current ( $I_n$ ):                                     | 250 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 |