



**Automatización Eléctrica**

Especialistas en Automatización

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### General Information

|                        |  |
|------------------------|--|
| Extended Product Type: | T3S 250 TMG 80-400 3p F F  |
| Product ID:            | 1SDA055120R1   |
| EAN:                   | 8015644562649  |
| Catalog Description:   | T3S 250 TMG 80-400 3p F F  |
| Long Description:      | C.BREAKER TMAX T3S 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 80-400 A |

### Categories

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

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644562649 |
| 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:          | 8015644562649 |

### 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 4,8 W  |
| Product Main Type:   | SACE Tmax T   |
| Product Name:  | Automatic Circuit Breaker   |
| Product Type:  | CB  |
| Rated Current ( $I_n$ ):                                     | 80 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) 47,5 kA<br>(230 V AC) 47,5 kA<br>(380 V AC) 27 kA<br>(400 V AC) 27 kA<br>(415 V AC) 27 kA<br>(440 V AC) 20 kA<br>(500 V AC) 15 kA<br>(690 V AC) 4 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ): | (220 V AC) 8.5 kA<br>(230 V AC) 8.5 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA  |

(440 V AC) 40 kA  
(500 V AC) 30 kA  
(690 V AC) 8 kA  
(250 V DC) 2 Poles in Series 50 kA  
(250 V DC) 3 Poles in Series 55 kA  
(500 V DC) 3 Poles in Series 50 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  
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





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| Product                   | Code         | Reference | Product link               |
|---------------------------|--------------|-----------|----------------------------|
| T3S 250 TMG 80-400 3p F F | 1SDA055120R1 | T3S250    | <a href="#">Buy on EAN</a> |