



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

|                        |   |
|------------------------|---|
| Extended Product Type: | T2S 160 TMD63-630 4p F F  |
| Product ID:            | 1SDA051022R1  |
| EAN:                   | 8015644514440   |
| Catalog Description:   | T2S 160 TMD63-630 4p F F  |
| Long Description:      | C.BREAKER TMAX T2S 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 63-630 A |

## Categories

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

## Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644514440 |
| 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:          | 8015644514440 |

## 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 5,1 W  |
| Product Main Type:   | SACE Tmax T   |
| Product Name:  | Automatic Circuit Breaker   |
| Product Type:  | CB  |
| Rated Current ( $I_n$ ):                                     | 63 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) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 45 kA<br>(500 V AC) 30 kA<br>(690 V AC) 7 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) 45 kA  
(500 V AC) 30 kA  
(690 V AC) 7 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 ( $I_u$ ):** 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  
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





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| <b>Product</b>           | <b>Code</b>  | <b>Reference</b> | <b>Product link</b>        |
|--------------------------|--------------|------------------|----------------------------|
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