

## General Information

|                        |  |
|------------------------|--|
| Extended Product Type: | T2S 160 TMD32-500 3p F F   |
| Product ID:            | 1SDA050997R1   |
| EAN:                   | 8015644514198  |
| Catalog Description:   | T2S 160 TMD32-500 3p F F   |
| Long Description:      | C.BREAKER TMAX T2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 32-500 A |

## Categories

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

## Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644514198 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

## Dimensions

|                     |        |
|---------------------|--------|
| Product Net Width:  | 90 mm  |
| Product Net Height: | 130 mm |
| Product Net Depth:  | 70 mm  |
| Product Net Weight: | 1.1 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: | 1.2 kg        |
| Package Level 1 EAN:          | 8015644514198 |

## Environmental

|              |  |
|--------------|--|
| RoHS Status: | Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01 |
|--------------|--|

## Additional Information

|  |   |
|--|---|
| Current Rating:  | 32 A  |
| 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   |
| Order Multiple:  | 1 piece   |
| Power Loss:  | at Rated Operating Conditions per Pole 2,7 W  |
| Product Main Type:   | SACE Tmax T   |
| Product Name:  | Automatic Circuit Breaker   |
| Product Type:  | CB  |
| Rated Current ( $I_n$ ):                                     | 32 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  |

(400 V AC) 50 kA  
(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

|   |                                 |
|---|---------------------------------|
| <b>Rated Uninterrupted Current (<math>I_u</math>):</b>    | 160 A                           |
| <b>Release Type:</b>                                      | TM                              |
| <b>Standards:</b>   | IEC 60947                       |
| <b>Sub-type:</b>  | T2                              |
| <b>Suitable For:</b>                                      | T2                              |
| <b>Suitable for Product Class:</b>                        | Moulded Case Circuit Breakers   |
| <b>Terminal Connection Type:</b>                          | Fixed Circuit-Breakers<br>Front |
| <b>Test Voltage at Industrial Frequency for 1 Minute:</b> | 3000 V                          |
| <b>Test Voltage Max (<math>U_{test}</math>):</b>          | 3000 V                          |
| <b>Version:</b>   | F                               |

### Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SDC210004D0203 |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0002 |
| <b>GL Certificate:</b>                    | 1SDL000163R0059 |
| <b>RoHS Information:</b>                  | 1SDL000200R0001 |

### Classifications

|                                    |          |
|------------------------------------|----------|
| <b>Object Classification Code:</b> | Q        |
| <b>UNSPSC:</b>                     | 39121100 |

