



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

|                        |   |
|------------------------|---|
| Extended Product Type: | XT1C 160 TMD 50-500 3p F F  |
| Product ID:            | 1SDA067394R1  |
| EAN:                   | 8015644012182   |
| Catalog Description:   | XT1C 160 TMD 50-500 3p F F  |
| Long Description:      | C.BREAKER TMAX XT1C 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 50-500 A |

## Categories

|  |
|--|
| Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » Tmax XT |
|--|

## Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644012182 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

## Dimensions

|                     |         |
|---------------------|---------|
| Product Net Width:  | 76.2 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: | 1.1 kg        |
| Package Level 1 EAN:          | 8015644012182 |

## Additional Information

|  |  |
|--|--|
| Circuit Breaker Type to be Associated:                       | Power distribution   |
| Electrical Durability:                                       | 120 cycles per hour<br>8000 cycle  |
| Mechanical Durability:                                       | Nr. Operations 240 cycles per hour<br>Nr. Operations 25000 cycle   |
| Number of Poles:   | 3  |
| Opening Time:  | CB with SOR 15 ms<br>CB with UVR 15 ms   |
| Power Loss:  | at Rated Operating Conditions per Pole 3.7 W   |
| Product Main Type:   | SACE Tmax XT   |
| Product Name:  | Automatic Circuit Breaker  |
| Product Type:  | CB   |
| Rated Current ( $I_n$ ):                                     | 50 A   |
| Rated Frequency (f):   | 50 / 60 Hz   |
| 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) 40 kA<br>(220 V AC) 40 kA<br>(380 V AC) 25 kA<br>(415 V AC) 25 kA<br>(440 V AC) 12,5 kA<br>(500 V AC) 9 kA<br>(690 V AC) 4 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ): | (220 V AC) 40 kA<br>(230 V AC) 40 kA<br>(380 V AC) 25 kA<br>(415 V AC) 25 kA<br>(440 V AC) 25 kA<br>(500 V AC) 18 kA<br>(690 V AC) 4 kA  |

|   |  |
|---|--|
|   | (250 V DC) 2 Poles in Series 25 kA<br>(500 V DC) 3 Poles in Series 25 kA |
| <b>Rated Uninterrupted Current (I<sub>u</sub>):</b> | 160 A  |
| <b>Rated Voltage (U<sub>r</sub>):</b>               | 690 V  |
| <b>Release Type:</b>                                | TM   |
| <b>Standards:</b>                                   | IEC 60947  |
| <b>Sub-type:</b>                                    | XT1  |
| <b>Terminal Connection Type:</b>                    | Fixed Circuit-Breakers<br>Front  |
| <b>Version:</b>                                     | F  |

**Certificates and Declarations (Document Number)**

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SDC210033D0201 |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0009 |
| <b>GL Certificate:</b>                    | 1SDL000163R0103 |
| <b>LR Certificate:</b>                    | 1SDL000163R0100 |

**Classifications**

|                                    |   |
|------------------------------------|---|
| <b>ETIM 4:</b>                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>ETIM 5:</b>                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>Object Classification Code:</b> | Q   |
| <b>UNSPSC:</b>                     | 39120000  |





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| <b>Product</b>             | <b>Code</b>  | <b>Reference</b> | <b>Product link</b>        |
|----------------------------|--------------|------------------|----------------------------|
| XT1C 160 TMD 50-500 3p F F | 1SDA067394R1 | XT1C160          | <a href="#">Buy on EAN</a> |