



**Electric Automation**  
Automation specialists

Reference: XT1C160  
Code: 1SDA067403R1

XT1C 160 TMD 50-500 4p F F

Buy it at Electric Automation Network



C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 50-500 A

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644012977 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

### Dimensions

|                     |          |
|---------------------|----------|
| Product Net Width:  | 101.6 mm |
| Product Net Height: | 130 mm   |
| Product Net Depth:  | 70 mm    |
| Product Net Weight: | 1.4 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: | 1.4 kg  |

|                      |               |
|----------------------|---------------|
| Package Level 1 EAN: | 8015644012977 |
|----------------------|---------------|

## 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:   | 4   |
| 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<br>(250 V DC) 2 Poles in Series 25 kA<br>(500 V DC) 3 Poles in Series 25 kA |
| Rated Uninterrupted Current ( $I_u$ ):                       | 160 A   |
| Rated Voltage ( $U_r$ ):                                     | 690 V   |
| Release Type:  | TM  |
| Standards:   | IEC 60947   |
| Sub-type:  | XT1   |
| Terminal Connection Type:                                    | Fixed Circuit-Breakers<br>Front   |
| Version:   | F   |

## Certificates and Declarations (Document Number)

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

## Classifications

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