



**Electric Automation**  
Automation specialists

Reference: T6N630  
Code: 1SDA060202R1

T6N 630 TMA 630-6300 3p F F

Buy it at [Electric Automation Network](#)



C.BREAKER TMAX T6N 630 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 630 I<sub>3</sub>=3150...6300 A

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644626600 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

### Dimensions

|                     |          |
|---------------------|----------|
| Product Net Width:  | 210 mm   |
| Product Net Height: | 268 mm   |
| Product Net Depth:  | 103.5 mm |
| Product Net Weight: | 9.5 kg   |

### Container Information

|                               |         |
|-------------------------------|---------|
| Package Level 1 Units:        | 1 piece |
| Package Level 1 Width:        | 305 mm  |
| Package Level 1 Height:       | 285 mm  |
| Package Level 1 Length:       | 370 mm  |
| Package Level 1 Gross Weight: | 11 kg   |

|                      |               |
|----------------------|---------------|
| Package Level 1 EAN: | 8015644626600 |
|----------------------|---------------|

## Additional Information

|  |  |
|--|--|
| Electrical Durability:                                       | 7000 cycle<br>60 cycles per hour   |
| Mechanical Durability:                                       | 20000 cycle<br>120 cycles per hour   |
| Number of Poles:   | 3  |
| Power Loss:  | at Rated Operating Conditions per Pole 30,6 W  |
| Product Main Type:   | SACE Tmax T  |
| Product Name:  | Automatic Circuit Breaker  |
| Product Type:  | CB   |
| Rated Current ( $I_n$ ):                                     | 630 A  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ):               | 8 kV   |
| Rated Insulation Voltage ( $U_i$ ):                          | 1000 V   |
| Rated Operational Voltage:                                   | 690 V AC<br>750 V DC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):  | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(690 V AC) 15 kA   |
| Rated Short-time Withstand Current ( $I_{cw}$ ):             | for 1 s 7,6 A  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ): | (220 V AC) 7 kA<br>(230 V AC) 7 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(690 V AC) 20 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 2 Poles in Series 25 kA<br>(750 V DC) 3 Poles in Series 16 kA |
| Rated Uninterrupted Current ( $I_u$ ):                       | 630 A  |
| Release Type:  | TM   |
| Standards:   | IEC 60947  |
| Sub-type:  | T6   |
| Suitable For:  | T6   |
| Suitable for Product Class:                                  | Moulded Case Circuit Breakers  |
| Terminal Connection Type:                                    | Fixed Circuit-Breakers<br>Front  |
| Test Voltage Max ( $U_{test}$ ):                             | 3500 V   |
| Version:   | F  |

## Certificates and Declarations (Document Number)

|                                    |                 |
|------------------------------------|-----------------|
| Data Sheet, Technical Information: | 1SDC210015D0201 |
| Declaration of Conformity - CE:    | 1SDL000165R0006 |
| GL Certificate:                    | 1SDL000163R0057 |

## 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:                     | 39121100  |