

# T6S 800 TMA 800-8000 4p F F InN=100%In

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## General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | T6S 800 TMA 800-8000 4p F F InN=100%In  |
| Product ID            | 1SDA060223R1  |
| EAN                   | 8015644626839   |
| Catalog Description   | T6S 800 TMA 800-8000 4p F F InN=100%In  |
| Long Description      | C.BREAKER TMAX T6S 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 800 I3=4000...8000 A FULLY RATED |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644626839 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 280 mm   |
| Product Net Height         | 268 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 12 kg    |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 305 mm        |
| Package Level 1 Height         | 285 mm        |
| Package Level 1 Depth / Length | 370 mm        |
| Package Level 1 Gross Weight   | 14 kg         |
| Package Level 1 EAN            | 8015644626839 |

## Additional Information

|                       |                                    |
|-----------------------|------------------------------------|
| Electrical Durability | 5000 cycle<br>60 cycles per hour   |
| Mechanical Durability | 20000 cycle<br>120 cycles per hour |
| Number of Poles       | 4                                  |

|   |  |
|---|--|
| Power Loss  | at Rated Operating Conditions per Pole 31 W  |
| Product Main Type   | SACE Tmax T  |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | Main Circuit 800 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) 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) 35 kA<br>(690 V AC) 16,5 kA   |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | for 1 s 10 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (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) 35 kA<br>(690 V AC) 22 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(500 V DC) 2 Poles in Series 35 kA<br>(750 V DC) 3 Poles in Series 20 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 800 A  |
| Release Type  | TM   |
| Standards   | IEC  |
| 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 |
| Environmental Information         | 1SDL000143R0    |
| Instructions and Manuals          | 1SDH000511R0001 |

### Classifications

|                            |  |
|----------------------------|--|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q  |
| UNSPSC                     | 39121100   |

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**Categories**

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

