PRODUCT-DETAILS

# XT3S 250 TMG 160-480 4p F F InN=100%

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## General Information

| | |
|---|---|
| Extended Product Type | XT3S 250 TMG 160-480 4p F F InN=100% |
| Product ID | 1SDA068276R1 |
| EAN | 8015644021825 |
| Catalog Description | XT3S 250 TMG 160-480 4p F F InN=100% |
| Long Description | C.BREAKER TMAX XT3S 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMG R 160-480 A FULLY RATED NEUTRAL |

## Ordering

| | |
|---|---|
| EAN | 8015644021825 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

| | |
|---|---|
| Product Net Width | 140 mm |
| Product Net Height | 150 mm |
| Product Net Depth / Length | 70 mm |
| Product Net Weight | 2 kg |

## Container Information

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|---|---|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 155 mm |
| Package Level 1 Height | 190 mm |
| Package Level 1 Depth / Length | 155 mm |
| Package Level 1 Gross Weight | 2.1 kg |
| Package Level 1 EAN | 8015644021825 |

## Environmental

| | |
|---|---|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Additional Information

| | |
|---|---|
| Circuit Breaker Type to be Associated | Generator Protection |
| Current Type | AC/DC |
| 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 |
| Order Multiple | 1 piece |
| Power Loss | at Rated Operating Conditions per Pole 7.9 W |
| Product Main Type | SACE Tmax XT |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | CB |
| Rated Current ($I_n$) | 160 A |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Voltage ($U_r$) | 690 V |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 8 kV |
| Rated Instantaneous Short-Circuit Current Setting ($I_i$) | 480 A |
| 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) 42.5 kA<br>(230 V AC) 42.5 kA<br>(240 V AC) 42.5 kA<br>(380 V AC) 27 kA<br>(415 V AC) 27 kA<br>(440 V AC) 20 kA<br>(500 V AC) 15 kA<br>(525 V AC) 10 kA<br>(690 V AC) 3 kA<br>(250 V DC) 2 Poles in Series 27 kA<br>(500 V DC) 3 Poles in Series 37.5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 40 kA<br>(500 V AC) 30 kA<br>(525 V AC) 20 kA<br>(690 V AC) 6 kA |

| | |
|---|---|
| | (250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 50 kA |
| Rated Uninterrupted Current ($I_u$) | 250 A |
| Release | TMG |
| Release Type | TM |
| Setting Range | 112...160 A |
| Short-Circuit Performance Level | S |
| Standards | IEC |
| Sub-type | XT3 |
| Terminal Connection Type | Fixed Circuit-Breakers |
| Version | F |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE | 9AKK106713A5530 |
| Environmental Information | 1SDL000190R0001 |
| Instructions and Manuals | 1SDH000720R0001 |

## 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 | 39120000 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Categories

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



