

XT1N 160 TMD 50-500 3p F F



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

General Information

| | |
|-------------------------------|--|
| Extended Product Type: | XT1N 160 TMD 50-500 3p F F |
| Product ID: | 1SDA067413R1 |
| EAN: | 8015644013073 |
| Catalog Description: | XT1N 160 TMD 50-500 3p F F |
| Long Description: | C.BREAKER TMAX XT1N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THER MOMAGNETIC RELEASE TMD R 50-500 A |

Ordering

| | |
|--------------------------------|---------------|
| EAN: | 8015644013073 |
| 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: | 8015644013073 |

Additional Information

| | |
|--|--|
| Circuit Breaker Type to be Associated: | Power distribution |
| Electrical Durability: | 120 cycles per hour 8000 cycle |
| Mechanical Durability: | Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle |
| Number of Poles: | 3 |
| Opening Time: | CB with SOR 15 ms CB with UVR 15 ms |
| Power Loss: | at Rated Operating Conditions per Pole 3.7 W |
| Product Main Type: | SACE Tmax XT |
| Product Name: | Moulded Case Circuit Breaker |
| Product Type: | CB |
| Rated Current (I_n): | 50 A |
| Rated Frequency (f): | 50 / 60 Hz |
| Rated Voltage (U_r): | 690 V |
| Rated Impulse Withstand Voltage (U_{imp}): | 8 kV |
| Rated Insulation Voltage (U_i): | 800 V |
| Rated Operational Voltage: | 690 V AC 500 V DC |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}): | (220 V AC) 50 kA (220 V AC) 50 kA |

| | |
|--|---|
| Capacity (Ics): | (220 V AC) 30 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 18 kA (500 V AC) 15 kA (690 V AC) 4,5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (Icu): | (220 V AC) 65 kA (230 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current (Iu): | 160 A |
| Release Type: | TM |
| Standards: | IEC |
| Sub-type: | XT1 |
| Terminal Connection Type: | Fixed Circuit-Breakers Front |
| Version: | F |

Certificates and Declarations (Document Number)

| | |
|---|-----------------|
| Data Sheet, Technical Information: | 1SDC210033D0204 |
| Declaration of Conformity - CE: | 9AKK106713A5532 |
| Environmental Information: | 1SDL000190R0001 |
| GL Certificate: | 1SDL000163R0103 |
| Instructions and Manuals: | 1SDH000719R0001 |
| LR Certificate: | 1SDL000163R0100 |

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. |
| Object Classification Code: | Q |
| UNSPSC: | 39120000 |

