

# XT1C 160 TMD 40-450 4p F F



XT1C 160 TMD 40-450 4p F F

## General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT1C 160 TMD 40-450 4p F F   |
| Product ID            | 1SDA067402R1   |
| EAN                   | 8015644012960  |
| Catalog Description   | XT1C 160 TMD 40-450 4p F F   |
| Long Description      | C.BREAKER TMAX XT1C 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 40-450 A |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644012960 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 101.6 mm |
| Product Net Height         | 130 mm   |
| Product Net Depth / Length | 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 Depth / Length | 143 mm        |
| Package Level 1 Gross Weight   | 1.4 kg        |
| Package Level 1 EAN            | 8015644012960 |

## 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 2.6 W  |
| Product Main Type   | SACE Tmax XT  |
| Product Name  | Moulded Case Circuit Breaker  |
| Product Type  | CB  |
| Rated Current ( $I_n$ )                                     | 40 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 ( $I_t$ ) | 450 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) 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 ( $I_{cu}$ ) | (380 V AC) 25 kA<br>(415 V AC) 25 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<br>(440 V AC) 25 kA<br>(220 V AC) 40 kA<br>(230 V AC) 40 kA<br>(500 V AC) 18 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 160 A   |
| Release Type  | TM  |
| Setting Range   | 28...40 A   |
| Standards   | IEC   |
| Sub-type  | XT1   |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>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. |

|                            |  |
|----------------------------|--|
| 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

