

PRODUCT-DETAILS

# XT1B 160 TMD 40-450 4p F F

## XT1B 160 TMD 40-450 4p F F



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT1B 160 TMD 40-450 4p F F   |
| Product ID            | 1SDA066814R1   |
| EAN                   | 8015644007218  |
| Catalog Description   | XT1B 160 TMD 40-450 4p F F   |
| Long Description      | C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 40-450 A |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3640507       |
| EAN                    | 8015644007218 |
| 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         | 1.359 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   | 1.43 kg       |
| Package Level 1 EAN            | 8015644007218 |

## Environmental

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

## Additional Information

|   |  |
|---|--|
| Circuit Breaker Type to be Associated                       | Power Distribution   |
| 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 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 ( $I_i$ ) | 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) 25 kA<br>(230 V AC) 25 kA<br>(240 V AC) 25 kA<br>(380 V AC) 18 kA<br>(415 V AC) 18 kA<br>(440 V AC) 11.25 kA<br>(500 V AC) 8 kA<br>(525 V AC) 6 kA<br>(690 V AC) 3 kA<br>(250 V DC) 2 Poles in Series 18 kA<br>(500 V DC) 3 Poles in Series 18 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 25 kA<br>(230 V AC) 25 kA<br>(240 V AC) 25 kA<br>(380 V AC) 18 kA<br>(415 V AC) 18 kA<br>(440 V AC) 15 kA<br>(500 V AC) 8 kA  |

(525 V AC) 6 kA  
 (690 V AC) 3 kA  
 (250 V DC) 2 Poles in Series 18 kA  
 (500 V DC) 3 Poles in Series 18 kA

|   |                        |
|---|------------------------|
| Rated Uninterrupted Current (I <sub>u</sub> ) | 160 A                  |
| Release                                       | TMD                    |
| Release Type                                  | TM                     |
| Setting Range                                 | 28...40 A              |
| Short-Circuit Performance Level               | B                      |
| Standards                                     | IEC                    |
| Sub-type                                      | XT1                    |
| Terminal Connection Type                      | Fixed Circuit-Breakers |
| Version                                       | F                      |

### Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| 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  |
| 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

