

# XT1B 160 TMD 16-450 4p F F



XT1B 160 TMD 16-450 4p F F

## General Information

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT1B 160 TMD 16-450 4p F F                                                                             |
| Product ID            | 1SDA066810R1                                                                                           |
| EAN                   | 8015644007171                                                                                          |
| Catalog Description   | XT1B 160 TMD 16-450 4p F F                                                                             |
| Long Description      | C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 16-450 A |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644007171 |
| 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            | 8015644007171 |

## 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 1.5 W                                                                                                                                                                       |
| Product Main Type                                           | SACE Tmax XT                                                                                                                                                                                                       |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                                                       |
| Product Type                                                | CB                                                                                                                                                                                                                 |
| Rated Current ( $I_n$ )                                     | 16 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>(220 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>(690 V AC) 3 kA                                                                          |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (690 V AC) 3 kA<br>(230 V AC) 25 kA<br>(500 V AC) 8 kA<br>(440 V AC) 15 kA<br>(220 V AC) 25 kA<br>(380 V AC) 18 kA<br>(415 V AC) 18 kA<br>(250 V DC) 2 Poles in Series 18 kA<br>(500 V DC) 3 Poles in Series 18 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 160 A                                                                                                                                                                                                              |
| Release Type                                                | TM                                                                                                                                                                                                                 |
| Setting Range                                               | 11,2...16 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                                                                            |
| 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

