

# XT1N 160 TMD 80-800 3p F F



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## Información General

|                       |                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT1N 160 TMD 80-800 3p F F                                                                              |
| Product ID            | 1SDA067415R1                                                                                            |
| EAN                   | 8015644013097                                                                                           |
| Catalog Description   | XT1N 160 TMD 80-800 3p F F                                                                              |
| Long Description      | C.BREAKER TMAX XT1N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 80-800 A |

## Clasificación

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644013097 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensiones

|                            |          |
|----------------------------|----------|
| Product Net Width          | 76,2 mm  |
| Product Net Height         | 130 mm   |
| Product Net Depth / Length | 70 mm    |
| Product Net Weight         | 1,077 kg |

## Información de Embalaje

|                                |               |
|--------------------------------|---------------|
| 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   | 1,134 kg      |
| Package Level 1 EAN            | 8015644013097 |

## Información Adicional

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

|                                                             |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             | Nr. Operations 25000 cycle                                                                                                                                                                                                                      |
| Number of Poles                                             | 3                                                                                                                                                                                                                                               |
| 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 4.8 W                                                                                                                                                                                                    |
| Product Main Type                                           | SACE Tmax XT                                                                                                                                                                                                                                    |
| Product Name                                                | Moulded Case Circuit Breaker                                                                                                                                                                                                                    |
| Product Type                                                | CB                                                                                                                                                                                                                                              |
| Rated Current ( $I_n$ )                                     | 80 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 ( $I_i$ ) | 800 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) 48,75 kA<br>(230 V AC) 48,75 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 18 kA<br>(500 V AC) 15 kA<br>(525 V AC) 11 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA<br>(690 V AC) 4,5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(525 V AC) 22 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA<br>(690 V AC) 6 kA         |
| Rated Uninterrupted Current ( $I_u$ )                       | 160 A                                                                                                                                                                                                                                           |
| Release Type                                                | TM                                                                                                                                                                                                                                              |
| Setting Range                                               | 56...80 A                                                                                                                                                                                                                                       |
| Standards                                                   | IEC                                                                                                                                                                                                                                             |
| Sub-type                                                    | XT1                                                                                                                                                                                                                                             |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front                                                                                                                                                                                                                 |
| Version                                                     | F                                                                                                                                                                                                                                               |

## Certificados y Declaraciones (Número de Documento)

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

Clasificaciones

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| 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)                   |

Categorías

Productos y sistemas de baja tensión → Interruptores automáticos → Interruptores automáticos en caja moldeada → Tmax XT

