



PRODUCT-DETAILS

XT4N 250 BREAKING PART 3p F F

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| General Information   |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Extended Product Type | XT4N 250 BREAKING PART 3p F F                                     |
| Product ID            | 1SDA068173R1                                                      |
| EAN                   | 8015644696184                                                     |
| Catalog Description   | XT4N 250 BREAKING PART 3p F F                                     |
| Long Description      | BREAKING PART TMAX XT4N 250 FIXED THREE-POLE WITH FRONT TERMINALS |

| ABB EcoSolutions |     |
|------------------|-----|
| ABB EcoSolutions | Yes |

| Circular Value                              |                                                                |
|---------------------------------------------|----------------------------------------------------------------|
| Circular Design                             | Design for Closing Resource Loops - Standard EN45555 - 56.30 % |
| Principles Recyclability Rate               |                                                                |
| Conflict Minerals Reporting Template (CMRT) |                                                                |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2351                                     |
| Group Waste to Landfill Target      | UL 2799 Zero Waste To Landfill Validation available |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326                                     |

Eco Transparency

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108469A1857<br>9AKK108468A1892 |
|-----------------------------------------|------------------------------------|

Environmental

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Environmental Information | 9AKK108467A6707                                                        |
| REACH Declaration         | 9AKK108466A1425                                                        |
| RoHS Information          | 9AKK108466A1424                                                        |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644696184 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 105 mm   |
| Product Net Height         | 160 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 1.826 kg |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 171 mm        |
| Package Level 1 Height         | 215 mm        |
| Package Level 1 Depth / Length | 151 mm        |
| Package Level 1 Gross Weight   | 1.922 kg      |
| Package Level 1 EAN            | 8015644696184 |

Additional Information

|                       |                                        |
|-----------------------|----------------------------------------|
| Electrical Durability | 120 cycles per hour<br>8000 cycle      |
| Mechanical Durability | 240 cycles per hour<br>25000 cycle     |
| Number of Poles       | 3                                      |
| Opening Time          | CB with SOR 15 ms<br>CB with UVR 15 ms |

|                                                                          |                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order Multiple                                                           | 1 piece                                                                                                                                                                                                                                                                                            |
| Product Main Type                                                        | SACE Tmax XT                                                                                                                                                                                                                                                                                       |
| Product Name                                                             | Moulded Case Circuit Breaker                                                                                                                                                                                                                                                                       |
| Product Type                                                             | Breaking Part                                                                                                                                                                                                                                                                                      |
| Rated Frequency (f)                                                      | 50 / 60 Hz                                                                                                                                                                                                                                                                                         |
| Rated Voltage (U <sub>r</sub> )                                          | 690 V                                                                                                                                                                                                                                                                                              |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>)                | 8 kV                                                                                                                                                                                                                                                                                               |
| Rated Insulation Voltage<br>(U <sub>i</sub> )                            | 1000 V                                                                                                                                                                                                                                                                                             |
| Rated Operational<br>Voltage                                             | 690 V AC<br>500 V DC                                                                                                                                                                                                                                                                               |
| Rated Service Short-<br>Circuit Breaking<br>Capacity (I <sub>cs</sub> )  | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 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) 20 kA<br>(690 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (I <sub>cu</sub> ) | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(240 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) 20 kA<br>(690 V AC) 10 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                         | 250 A                                                                                                                                                                                                                                                                                              |
| Short-Circuit<br>Performance Level                                       | N                                                                                                                                                                                                                                                                                                  |
| Standards                                                                | IEC60947-2                                                                                                                                                                                                                                                                                         |
| Sub-type                                                                 | XT4                                                                                                                                                                                                                                                                                                |
| Terminal Connection<br>Type                                              | Front                                                                                                                                                                                                                                                                                              |
| Version                                                                  | F                                                                                                                                                                                                                                                                                                  |

Certificates and Declarations

|                                      |                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------|
| Data Sheet, Technical<br>Information | 2CDC210017C0101<br>1SDC210100D0206<br>1SXF210033C2001<br>1SDC210099D0206<br>1SXF210034C2001 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5529                                                                             |
| GL Certificate                       | 1SDL000163R0095                                                                             |
| LR Certificate                       | 1SDL000163R0100                                                                             |
| Wiring Diagram                       |                                                                                             |
| Instructions and<br>Manuals          | 1SDH000722R0001                                                                             |

Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                     | 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)                   |
| eClass                     | V11.1 : 27370409                                                             |

Categories

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

