



PRODUCT-DETAILS

# XT2N 160 BREAKING PART 3p F F

## XT2N 160 BREAKING PART 3p F F



| General Information   |   |
|-----------------------|---|
| Extended Product Type | XT2N 160 BREAKING PART 3p F F                                     |
| Product ID            | 1SDA068163R1  |
| EAN                   | 8015644696139   |
| Catalog Description   | XT2N 160 BREAKING PART 3p F F                                     |
| Long Description      | BREAKING PART TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS |

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

| Circular Value                                |  |
|---|--|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 55.70 % |
| Conflict Minerals Reporting Template (CMRT)   | 9AKK108467A5658  |

|                                     |   |
|-------------------------------------|---|
| End of Life Instructions            | 9AKK108468A2348                                     |
| 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 | 9AKK108469A1856<br>9AKK108468A1891 |
|---|------------------------------------|

### 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

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3640558       |
| EAN                    | 8015644696139 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 90 mm    |
| Product Net Height         | 130 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 1.224 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 150 mm        |
| Package Level 1 Height         | 215 mm        |
| Package Level 1 Depth / Length | 135 mm        |
| Package Level 1 Gross Weight   | 1.288 kg      |
| Package Level 1 EAN            | 8015644696139 |

### 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                  |

|   |  |
|---|--|
|   | 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 Withstand Voltage (U <sub>imp</sub> )               | 8 kV   |
| Rated Insulation Voltage (U <sub>i</sub> )                        | 1000 V   |
| Rated Operational Voltage   | 690 V AC<br>500 V DC   |
| Rated Service Short-Circuit Breaking 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) 3 Poles in Series 36 kA |
| Rated Ultimate Short-Circuit Breaking 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) 3 Poles in Series 36 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 160 A  |
| Short-Circuit Performance Level                                   | N  |
| Standards   | IEC60947-2   |
| Sub-type  | XT2  |
| Terminal Connection Type  | Front  |
| Version   | F  |

### Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5901                    |
| GL Certificate                    | 1SDL000163R0093                    |
| LR Certificate                    | 1SDL000163R0100                    |
| Instructions and Manuals          | 1SDH000721R0001                    |

### 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   |

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## Categories

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

