



PRODUCT-DETAILS

# XT2X 125 TMF 70-700 3p F F UL/CSA

# XT2X 125 TMF 70-700 3p F F UL/CSA



| General Information   |  |
|-----------------------|--|
| Extended Product Type | XT2X 125 TMF 70-700 3p F F UL/CSA  |
| Product ID            | 1SDA081953R1   |
| EAN                   | 8015644885267  |
| Catalog Description   | XT2X 125 TMF 70-700 3p F F UL/CSA  |
| Long Description      | C.BREAKER TMAX XT2X 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 70-700 A |

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

| Circular Value                                    |  |
|---|--|
| Circular Design Principles<br>Recyclability Rate  | Design for Closing Resource Loops - Standard EN45555 - 55.70 % |
| Conflict Minerals<br>Reporting Template<br>(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 | 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**

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT2XU3070AFF000XXX |
| EAN                      | 8015644885267      |
| 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         | 1.1 kg  |

**Container Information**

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 130 mm        |
| Package Level 1 Height         | 208 mm        |
| Package Level 1 Depth / Length | 145 mm        |
| Package Level 1 Gross Weight   | 1.2 kg        |
| Package Level 1 EAN            | 8015644885267 |

**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                 | 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                                |

|   |  |
|---|--|
| Power Loss  | at Rated Operating Conditions per Pole 4.4 W |
| Product Main Type   | SACE Tmax XT                                 |
| Product Name  | Moulded Case Circuit Breaker                 |
| Product Type  | Automatic Circuit Breaker                    |
| Rated Current (I <sub>n</sub> )                                     | 70 A   |
| Rated Voltage (U <sub>r</sub> )                                     | 600 V  |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>s</sub> ) | 700 A  |
| Rated Operational Voltage   | 600 V AC<br>500 V DC                         |
| Rated Uninterrupted Current (I <sub>u</sub> )                       | 125 A  |
| Release   | TMF  |
| Release Type  | TM   |
| Setting Range   | 70 A   |
| Short-Circuit Performance Level                                     | X  |
| Standards   | UL489  |
| Sub-type  | XT2  |
| Suitable for Product Class  | SACE Tmax XT                                 |
| Terminal Connection Type  | Front  |
| Version   | F  |
| CAD Dimensional Drawing   | 1SDH002230A1001                              |

### Technical UL/CSA

|                                   |  |
|-----------------------------------|--|
| Interrupting Rating acc. to UL489 | (240 V AC) 200 kA<br>(480 V AC) 200 kA<br>(600 V AC) 42 kA<br>(250 V DC) 2 Poles in Series 85 kA<br>(500 V DC) 3 Poles in Series 85 kA |
|-----------------------------------|--|

### Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5901                    |
| Mechanical Drawings               | 1SDH000721R0100                    |
| Wiring Diagram                    | 1SDM000068R0001                    |
| Instructions and Manuals          | 1SDH000721R0003<br>1SDH000721R0505 |

### 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 |
| IDEA Granular Category Code (IGCC) | 4927 >> Molded case circuit breakers   |
| UNSPSC                             | 39121616   |
| 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

