



PRODUCT-DETAILS

XT2N 125 TMF 15-400 3p F F UL/CSA  
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| General Information   |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT2N 125 TMF 15-400 3p F F UL/CSA                                                                              |
| Product ID            | 1SDA074733R1                                                                                                   |
| EAN                   | 8015644787103                                                                                                  |
| Catalog Description   | XT2N 125 TMF 15-400 3p F F UL/CSA                                                                              |
| Long Description      | C.BREAKER TMAX XT2N 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 15-400 A |

| ABB EcoSolutions                                  |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| ABB EcoSolutions                                  | Yes                                                            |
| ABB Site Meeting Group Waste To Landfill Target   | UL 2799 Zero Waste To Landfill Validation available            |
| End Of Life Disassembling Instructions            | 9AKK108468A2348                                                |
| Environmental Product Declaration - EPD           | 9AKK108468A1891                                                |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 55.70 % |

**Material Compliance**

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| REACH Declaration                           | 9AKK108466A1425                                                        |
| RoHS Information                            | 9AKK108466A1424                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                        |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326                                                        |

**Environmental**

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

**Ordering**

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT2NU3015AFF000XXX |
| EAN                      | 8015644787103      |
| 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          | 131 mm        |
| Package Level 1 Height         | 212 mm        |
| Package Level 1 Depth / Length | 147 mm        |
| Package Level 1 Gross Weight   | 1.2 kg        |
| Package Level 1 EAN            | 8015644787103 |

**Additional Information**

|                                       |                              |
|---------------------------------------|------------------------------|
| Circuit Breaker Type to be Associated | Power Distribution           |
| Product Main Type                     | SACE Tmax XT                 |
| Product Name                          | Moulded Case Circuit Breaker |
| Product Type                          | Automatic Circuit Breaker    |
| Suitable for Product Class            | SACE Tmax XT                 |
| Version                               | F                            |

Technical

|                                                                           |                                              |
|---------------------------------------------------------------------------|----------------------------------------------|
| Connecting Capacity                                                       | Busbar 32.5..100 mm <sup>2</sup>             |
| Main Circuit                                                              |                                              |
| 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                                                           | 3P                                           |
| 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 1.1 W |
| Rated Current (I <sub>n</sub> )                                           | 15 A                                         |
| Rated Instantaneous<br>Short-Circuit Current<br>Setting (I <sub>i</sub> ) | 400 A                                        |
| Rated Operational<br>Voltage                                              | 600 V AC<br>500 V DC                         |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                          | 125 A                                        |
| Rated Voltage (U <sub>r</sub> )                                           | 600 V                                        |
| Recommended Screw<br>Driver                                               | Main Circuit M6                              |
| Release                                                                   | TMF                                          |
| Release Type                                                              | TM                                           |
| Setting Range                                                             | 15 A                                         |
| Short-Circuit<br>Performance Level                                        | N                                            |
| Standards                                                                 | UL489                                        |
| Sub-type                                                                  | XT2                                          |
| Terminal Connection<br>Type                                               | Front                                        |
| Terminal Type                                                             | Bolt                                         |
| Tightening Torque                                                         | 6 N·m                                        |

Technical UL/CSA

|                                      |                                                                                                                                      |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Interrupting Rating acc.<br>to UL489 | (240 V AC) 65 kA<br>(480 V AC) 25 kA<br>(600 V AC) 18 kA<br>(250 V DC) 2 Poles in Series 35 kA<br>(500 V DC) 3 Poles in Series 35 kA |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|

Certificates and Declarations

|                                      |                                    |
|--------------------------------------|------------------------------------|
| ATEX Certificate                     | No certification needed            |
| CSA Certificate (Intrinsic<br>Safe)  | 9AKK10103A3906                     |
| Data Sheet, Technical<br>Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5901                    |

|                          |                                    |
|--------------------------|------------------------------------|
| UL Certificate           | 1SDL000163R0112                    |
| VDE Certificate          | No certification needed            |
| Dimension Diagram        | 1SDH000721R0100                    |
| Mechanical Drawings      | 1SDH000721R0100                    |
| Wiring Diagram           | 1SDM000068R0001                    |
| Instructions and Manuals | 1SDH000721R0003<br>1SDH000721R0505 |

External Classifications and Standards

|                                    |                                                                              |
|------------------------------------|------------------------------------------------------------------------------|
| 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                                         |
| Object Classification Code         | Q                                                                            |
| UNSPSC                             | 39121616                                                                     |
| 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

