



PRODUCT-DETAILS

XT4H 250 MCP In=110 3p F F UL/CSA  
XT4H 250 MCP In=110 3p F F UL/CSA



| General Information   |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT4H 250 MCP In=110 3p F F UL/CSA                                                                                      |
| Product ID            | 1SDA075340R1                                                                                                           |
| EAN                   | 8015644793173                                                                                                          |
| Catalog Description   | XT4H 250 MCP In=110 3p F F UL/CSA                                                                                      |
| Long Description      | C.BREAKER TMAX XT4H 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MCP Iu 110 A I3=550...1100 A |

| ABB EcoSolutions                        |                 |
|-----------------------------------------|-----------------|
| ABB EcoSolutions                        | Yes             |
| Environmental Product Declaration - EPD | 9AKK108468A1892 |

| 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<br>Reporting Template<br>(CMRT) | 9AKK108467A5658 |
| Toxic Substances<br>Control Act - TSCA            | 9AKK108467A8326 |

Environmental

|                              |                 |
|------------------------------|-----------------|
| Environmental<br>Information | 9AKK108467A6707 |
|------------------------------|-----------------|

Ordering

|                             |                    |
|-----------------------------|--------------------|
| Order Code US and<br>Canada | XT4HU3110MFF000XXX |
| EAN                         | 8015644793173      |
| Minimum Order Quantity      | 1 piece            |
| Customs Tariff Number       | 85362090           |

Dimensions

|                               |         |
|-------------------------------|---------|
| Product Net Width             | 105 mm  |
| Product Net Height            | 160 mm  |
| Product Net Depth /<br>Length | 82.5 mm |
| Product Net Weight            | 2.5 kg  |

Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | box 1 piece   |
| Package Level 1 Width             | 145 mm        |
| Package Level 1 Height            | 210 mm        |
| Package Level 1 Depth /<br>Length | 168 mm        |
| Package Level 1 Gross<br>Weight   | 2.5 kg        |
| Package Level 1 EAN               | 8015644793173 |

Additional Information

|                                          |                              |
|------------------------------------------|------------------------------|
| Circuit Breaker Type to<br>be Associated | Motor Protection             |
| Product Main Type                        | SACE Tmax XT                 |
| Product Name                             | Moulded Case Circuit Breaker |
| Product Type                             | Automatic Circuit Breaker    |
| Suitable for Product<br>Class            | SACE Tmax XT                 |
| Version                                  | F                            |
| CAD Dimensional<br>Drawing               | 1SDH002230A1003              |

Technical

|                                                                           |                                              |
|---------------------------------------------------------------------------|----------------------------------------------|
| Connecting Capacity<br>Main Circuit                                       | Busbar 85..200 mm <sup>2</sup>               |
| 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 6.6 W |
| Rated Current (I <sub>N</sub> )                                           | 110 A                                        |
| Rated Instantaneous<br>Short-Circuit Current<br>Setting (I <sub>i</sub> ) | 550...1100 A                                 |
| Rated Operational<br>Voltage                                              | 600 V AC<br>600 V DC                         |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                          | 250 A                                        |
| Rated Voltage (U <sub>r</sub> )                                           | 600 V                                        |
| Recommended Screw<br>Driver                                               | Main Circuit M8                              |
| Release                                                                   | MA                                           |
| Release Type                                                              | M                                            |
| Short-Circuit<br>Performance Level                                        | H                                            |
| Standards                                                                 | UL489                                        |
| Sub-type                                                                  | XT4                                          |
| Terminal Connection<br>Type                                               | Front                                        |
| Terminal Type                                                             | Bolt                                         |
| Tightening Torque                                                         | 8 N·m                                        |

### Technical UL/CSA

|                                      |                                                                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Interrupting Rating acc.<br>to UL489 | (240 V AC) 150 kA<br>(480 V AC) 65 kA<br>(600 V AC) 25 kA<br>(250 V DC) 2 Poles in Series 50 kA<br>(600 V DC) 3 Poles in Series 65 kA |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

### Certificates and Declarations

|                                      |                                    |
|--------------------------------------|------------------------------------|
| ATEX Certificate                     | No certification needed            |
| CSA Certificate (Intrinsic<br>Safe)  | 9AKK10103A3908                     |
| Data Sheet, Technical<br>Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5529                    |
| UL Certificate                       | 9AKK108467A6490                    |
| VDE Certificate                      | No certification needed            |
| Dimension Diagram                    | 1SDH000722R0100                    |
| Mechanical Drawings                  | 1SDH000722R0100                    |
| Wiring Diagram                       | 1SDM000068R0001                    |
| Instructions and                     | 1SDH000722R0003                    |

Classifications

|                                    |                                                                              |
|------------------------------------|------------------------------------------------------------------------------|
| 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) | 4932 >> 3 Pole Non-Interchangeable Trip Electronic 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

