



PRODUCT-DETAILS

XT4V 250 TMA 225 1125..2250 3p FF UL/CSA  
XT4V 250 TMA 225 1125..2250 3p FF UL/CSA



| General Information   |                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT4V 250 TMA 225 1125..2250 3p FF UL/CSA                                                                                   |
| Product ID            | 1SDA075306R1                                                                                                               |
| EAN                   | 8015644792831                                                                                                              |
| Catalog Description   | XT4V 250 TMA 225 1125..2250 3p FF UL/CSA                                                                                   |
| Long Description      | C.BREAKER TMAX XT4V 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 225 I3=1125...2250 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 | XT4VU3225BFF000XXX |
| EAN                         | 8015644792831      |
| 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               | 8015644792831 |

Additional Information

|                                          |                              |
|------------------------------------------|------------------------------|
| Circuit Breaker Type to<br>be Associated | Power Distribution           |
| 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                                                 | Busbar 85..200 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 13.3 W |
| Rated Current (I <sub>N</sub> )                                     | 225 A                                         |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> ) | 1125...2250 A                                 |
| Rated Operational Voltage                                           | 600 V AC<br>600 V DC                          |
| Rated Uninterrupted Current (I <sub>u</sub> )                       | 250 A                                         |
| Rated Voltage (U <sub>r</sub> )                                     | 600 V                                         |
| Recommended Screw Driver                                            | Main Circuit M8                               |
| Release                                                             | TMA                                           |
| Release Type                                                        | TM                                            |
| Setting Range                                                       | 157.5...225 A                                 |
| Short-Circuit Performance Level                                     | V                                             |
| Standards                                                           | UL489                                         |
| Sub-type                                                            | XT4                                           |
| Terminal Connection Type                                            | Front                                         |
| Terminal Type                                                       | Bolt                                          |
| Tightening Torque                                                   | 8 N·m                                         |

Technical UL/CSA

|                                   |                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 200 kA<br>(480 V AC) 150 kA<br>(600 V AC) 65 kA<br>(250 V DC) 2 Poles in Series 100 kA<br>(600 V DC) 3 Poles in Series 85 kA |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| ATEX Certificate                  | No certification needed            |
| CSA Certificate (Intrinsic Safe)  | 9AKK10103A3908                     |
| Data Sheet, Technical Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5529                    |
| UL Certificate                    | 1SDL000163R0114                    |
| VDE Certificate                   | No certification needed            |
| Dimension Diagram                 | 1SDH000722R0100                    |
| Mechanical Drawings               | 1SDH000722R0100                    |
| Wiring Diagram                    | 1SDM000068R0001                    |

| 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) | 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

