



PRODUCT-DETAILS

XT3S 225 TMF 60-600 4p F F UL/CSA  
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| General Information   |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT3S 225 TMF 60-600 4p F F UL/CSA                                                                             |
| Product ID            | 1SDA075139R1                                                                                                  |
| EAN                   | 8015644791162                                                                                                 |
| Catalog Description   | XT3S 225 TMF 60-600 4p F F UL/CSA                                                                             |
| Long Description      | C.BREAKER TMAX XT3S 225 UL/CSA FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 60-600 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            | 9AKK108468A2350                                               |
| Environmental Product Declaration - EPD           | 9AKK108468A2294                                               |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 56.6 % |

| 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 |  | XT3SU4060AFF000XXX |
| EAN                      |  | 8015644791162      |
| Minimum Order Quantity   |  | 1 piece            |
| Customs Tariff Number    |  | 85362090           |

| Dimensions                 |  |        |
|----------------------------|--|--------|
| Product Net Width          |  | 140 mm |
| Product Net Height         |  | 150 mm |
| Product Net Depth / Length |  | 70 mm  |
| Product Net Weight         |  | 2.1 kg |

| Container Information          |  |               |
|--------------------------------|--|---------------|
| Package Level 1 Units          |  | box 1 piece   |
| Package Level 1 Width          |  | 155 mm        |
| Package Level 1 Height         |  | 190 mm        |
| Package Level 1 Depth / Length |  | 155 mm        |
| Package Level 1 Gross Weight   |  | 2.1 kg        |
| Package Level 1 EAN            |  | 8015644791162 |

| 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<br>Main Circuit                                       | Busbar 85..192 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                                                           | 4P                                           |
| 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 3.9 W |
| Rated Current (I <sub>N</sub> )                                           | 60 A                                         |
| Rated Instantaneous<br>Short-Circuit Current<br>Setting (I <sub>i</sub> ) | 600 A                                        |
| Rated Operational<br>Voltage                                              | 600Y/347 V AC<br>500 V DC                    |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                          | 225 A                                        |
| Rated Voltage (U <sub>r</sub> )                                           | 600Y/347 V                                   |
| Recommended Screw<br>Driver                                               | Main Circuit M8                              |
| Release                                                                   | TMF                                          |
| Release Type                                                              | TM                                           |
| Setting Range                                                             | 60 A                                         |
| Short-Circuit<br>Performance Level                                        | S                                            |
| Standards                                                                 | UL489                                        |
| Sub-type                                                                  | XT3                                          |
| 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) 65 kA<br>(480 V AC) 35 kA<br>(600Y / 347 V AC) 10 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)  | 9AKK10103A3907                     |
| Data Sheet, Technical<br>Information | 1SDC210200D0206<br>1SDC210199D0206 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5530                    |

|                          |                         |
|--------------------------|-------------------------|
| UL Certificate           | 1SDL000163R0113         |
| VDE Certificate          | No certification needed |
| Dimension Diagram        | 1SDH000720R0100         |
| Mechanical Drawings      | 1SDH000720R0100         |
| Wiring Diagram           | 1SDM000068R0001         |
| Instructions and Manuals | 1SDH000720R0003         |

**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

