



PRODUCT-DETAILS

XT2L 125 TMA 125-625..1250 3p FF UL/CSA

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| General Information   |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT2L 125 TMA 125-625..1250 3p FF UL/CSA                                                                                   |
| Product ID            | 1SDA074830R1                                                                                                              |
| EAN                   | 8015644788070                                                                                                             |
| Catalog Description   | XT2L 125 TMA 125-625..1250 3p FF UL/CSA                                                                                   |
| Long Description      | C.BREAKER TMAX XT2L 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 125 I3=625...1250 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SCIP                                        | 06caae00-6ae4-4153-9ca3-b8aef7bad4dd Italy (IT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Simplified SCIP                             | d8ea66de-88d8-466e-8f15-0abf439d96fb Netherlands (NL)<br>37c4b157-52ff-4a6b-86d4-5d6184a661e6 Norway (NO)<br>e82e1a62-513c-47e1-bb5e-ca3590b5f89f Finland (FI)<br>42c4c04e-aaa5-45d9-9c99-7381eba2593b Belgium (BE)<br>e570f032-9446-4641-aedb-a90c8c4d4222 Spain (ES)<br>00b44d97-c146-415b-b2f2-98f816c90cfa Hungary (HU)<br>94b79a19-2f34-459d-9d37-8c4e1e2b62da Germany (DE)<br>df945bbd-636e-497c-8866-a39025102381 Croatia (HR)<br>23019210-dd2a-4344-b825-80a7a76a112f Germany (DE)<br>3d814d3a-86f9-4d8f-9be0-c2c0907d80d2 Sweden (SE)<br>ec8fb935-6e95-42f7-a060-6b68afff0786 Denmark (DK)<br>b13d199e-4122-4b8a-ba54-203aee981a63 Czech Republic (CZ)<br>7897301e-5eb2-48b4-b893-9048e9984c8a France (FR)<br>6e3951d6-e392-4761-a764-ed9dd43ef791 Germany (DE)<br>6203428b-976d-4694-a692-5ec1790a04c6 Greece (GR)<br>b95b049c-1fec-4d9e-8108-15394f32eff3 France (FR)<br>cfe48516-244f-4f42-a67d-cbb835d37415 Poland (PL)<br>8314b1b8-6f31-4e7b-ad9f-80525240485c Hungary (HU)<br>0c14bf8d-114b-4ad2-97f8-c878164a1b47 Belgium (BE)<br>b4c140fc-f335-482d-9bb2-a3b033037fb9 Estonia (EE)<br>ce406b68-6c93-4abe-8b6b-0e053600a8b3 Poland (PL)<br>ba272beb-4a8f-4009-ae19-eee0eb8e5c4b Portugal (PT)<br>acdb4a3b-c4a7-4edd-b1be-65f9ed73ed90 Germany (DE)<br>7d7f71a4-a876-4422-925c-f55912902875 Germany (DE)<br>8a54f327-fee7-469b-8c53-c753fa2c9550 Poland (PL)<br>9a8fd686-4785-44c6-b2e7-a9519e83cc53 Bulgaria (BG)<br>3842ada0-e92b-4ed8-b818-714fc39e42b1 Sweden (SE) |

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

| Ordering                 |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT2LU3125BFF000XXX |
| EAN                      | 8015644788070      |
| 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            | 8015644788070 |

| 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                            |
| CAD Dimensional Drawing               | 1SDH002230A1001              |

| Technical                                                           |                                               |
|---------------------------------------------------------------------|-----------------------------------------------|
| Connecting Capacity Main Circuit                                    | Busbar 32.5...100 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 11.4 W |
| Rated Current (I <sub>n</sub> )                                     | 125 A                                         |
| Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> ) | 625...1250 A                                  |
| Rated Operational Voltage                                           | 600 V AC<br>500 V DC                          |
| Rated Uninterrupted Current (I <sub>u</sub> )                       | 125 A                                         |
| Rated Voltage (U <sub>r</sub> )                                     | 600 V                                         |
| Recommended Screw Driver                                            | Main Circuit M6                               |
| Release                                                             | TMA                                           |
| Release Type                                                        | TM                                            |
| Setting Range                                                       | 87.5...125 A                                  |
| Short-Circuit Performance Level                                     | L                                             |
| Standards                                                           | UL489                                         |
| Sub-type                                                            | XT2                                           |

|                          |       |
|--------------------------|-------|
| Terminal Connection Type | Front |
| Terminal Type            | Bolt  |
| Tightening Torque        | 6 N·m |

### Technical UL/CSA

|                                   |                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Interrupting Rating acc. to UL489 | (240 V AC) 200 kA<br>(480 V AC) 100 kA<br>(600 V AC) 35 kA<br>(250 V DC) 2 Poles in Series 75 kA<br>(500 V DC) 3 Poles in Series 75 kA |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

### Certificates and Declarations

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

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## Categories

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

