



PRODUCT-DETAILS

XT7H 1250 Ekip Touch LSIG In1250A 3p F F

XT7H 1250 Ekip Touch LSIG In1250A 3p F F



General Information

|                       |                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XT7H 1250 Ekip Touch LSIG In1250A 3p F F                                                                                                          |
| Product ID            | 1SDA100908R1                                                                                                                                      |
| EAN                   | 8056221009621                                                                                                                                     |
| Catalog Description   | XT7H 1250 Ekip Touch LSIG In1250A 3p F F                                                                                                          |
| Long Description      | C.BREAKER TMAX XT7H 1250 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP TOUCH LSIG R 1250 |

ABB EcoSolutions

|                  |     |
|------------------|-----|
| ABB EcoSolutions | Yes |
|------------------|-----|

Circular Value

|                                             |                                                               |
|---------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles                  | Design for Closing Resource Loops - Standard EN45555 - 64.1 % |
| Recyclability Rate                          |                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                               |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2357                                     |
| Group Waste to Landfill Target      | UL 2799 Zero Waste To Landfill Validation available |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326                                     |

Eco Transparency

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1895<br>9AKK108468A4404 |
|-----------------------------------------|------------------------------------|

Environmental

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature   | Operation -40 ... 125 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Environmental Information | 9AKK108467A6707                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| REACH Declaration         | 9AKK108466A1425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RoHS Information          | 9AKK108466A1424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SCIP                      | 0e0f06dd-802b-4ad1-acb1-fa52ea9c85c2 Italy (IT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Simplified SCIP           | 775b9d5b-0dba-4f73-83cf-636b8e6a6a56 Germany (DE)<br>6f1e6172-b676-4421-989b-9edbf2b54347 Poland (PL)<br>2c5f6989-d254-41ca-b27a-0d37759874b6 Poland (PL)<br>fa99777c-7977-4948-9378-b58d4f7eee33 Germany (DE)<br>e4b40afe-9f89-41f0-a05d-2b9b6e81036e Denmark (DK)<br>ecb4bcfb-3f92-4a79-9d53-f7735d97673f Sweden (SE)<br>f6d5ef5b-ba59-4fb1-94b4-a4bfbc9d13ea Bulgaria (BG)<br>e0e0ba09-073d-41aa-9307-fc791b745ee8 Hungary (HU)<br>4fa58b33-2019-494f-a107-464dba3972c1 Portugal (PT)<br>68a9efa5-7ce4-4fd9-b261-c196062f753e Greece (GR)<br>fc848878-a7c1-4d44-89ce-e5dbdcde5be3 Estonia (EE)<br>6708f854-f439-4966-b3ee-5edd080e3f4e Germany (DE)<br>97f89106-b944-4da8-ad77-7b2460d3edfd Belgium (BE)<br>7d1bb5b7-a71f-4624-a93e-5a01b86e50aa Sweden (SE)<br>502eef5e-6465-4589-b929-4e173acdbe9e Germany (DE)<br>7e40a3d6-0d9a-49d6-ae56-b86a5f5f1b5f Germany (DE)<br>da548507-cd23-4fe9-8b84-2cddf99fd097 Poland (PL)<br>63911d14-8e59-4266-8bd8-765b0629d96a Czech Republic (CZ)<br>fbb96806-f918-4075-89b6-5e7746e52dd9 France (FR)<br>75d1ef9e-66c2-4258-b714-d1e49e3ecd90 Hungary (HU)<br>b74b91e4-ff89-49b8-876f-93234ebaa0a3 Spain (ES)<br>2941f7ae-f687-4c1e-9394-232b7df28b78 Netherlands (NL)<br>34f29d42-731e-4da7-a4f8-69b5bf70a550 Norway (NO)<br>c5170d0c-e80e-4406-b502-0cbc041a5845 Finland (FI)<br>f25a558f-d51f-4787-b4c9-8ae7bf88d501 France (FR)<br>f9754c1d-6c78-4013-a7c4-e3d644e8cd56 Croatia (HR)<br>8f6d16fd-f6d4-4f91-85ea-a5e5a9b65db2 Belgium (BE) |

Ordering

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT7HE312EQFF000XXX |
| EAN                      | 8056221009621      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 210 mm |
| Product Net Height         | 268 mm |
| Product Net Depth / Length | 166 mm |
| Product Net Weight         | 9.7 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 280 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 360 mm        |
| Package Level 1 Gross Weight   | 11.2 kg       |
| Package Level 1 EAN            | 8056221009621 |

## Additional Information

|                                                              |                                                                                                                                                                                     |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circuit Breaker Type to be Associated                        | Power Distribution                                                                                                                                                                  |
| Current Type                                                 | AC                                                                                                                                                                                  |
| Electrical Durability                                        | 120 cycles per hour<br>3000 cycle                                                                                                                                                   |
| Mechanical Durability                                        | 240 cycles per hour<br>10000 cycle                                                                                                                                                  |
| Number of Poles                                              | 3                                                                                                                                                                                   |
| Order Multiple                                               | 1 piece                                                                                                                                                                             |
| Power Loss                                                   | at Rated Operating Conditions per Pole 57 W                                                                                                                                         |
| Product Main Type                                            | SACE Tmax XT                                                                                                                                                                        |
| Product Name                                                 | Moulded Case Circuit Breaker                                                                                                                                                        |
| Product Type                                                 | Automatic Circuit Breaker                                                                                                                                                           |
| Rated Current ( $I_n$ )                                      | 1250 A                                                                                                                                                                              |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )                | 8 kV                                                                                                                                                                                |
| Rated Insulation Voltage ( $U_i$ )                           | 1000 V                                                                                                                                                                              |
| Rated Operational Voltage                                    | 690 V AC                                                                                                                                                                            |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )   | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 42 kA |
| Rated Short-time Withstand Current Low Voltage ( $I_{cwl}$ ) | 20 kA                                                                                                                                                                               |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )  | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 42 kA |
| Rated Uninterrupted Current ( $I_u$ )                        | 1250 A                                                                                                                                                                              |
| Release                                                      | Ekip Touch LSIG                                                                                                                                                                     |
| Release Type                                                 | EL                                                                                                                                                                                  |
| Short-Circuit Performance Level                              | H                                                                                                                                                                                   |
| Standards                                                    | IEC60947-2                                                                                                                                                                          |
| Sub-type                                                     | XT7                                                                                                                                                                                 |
| Terminal Connection Type                                     | Front                                                                                                                                                                               |
| Version                                                      | F                                                                                                                                                                                   |
| CAD Dimensional Drawing                                      | 1SDH002065A1336<br>1SDH002065A1338                                                                                                                                                  |

Certificates and Declarations

|                                   |                                                       |
|-----------------------------------|-------------------------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206                    |
| Declaration of Conformity - CE    | 9AKK107046A9648                                       |
| Mechanical Drawings               | 1SDH002013A1101                                       |
| Wiring Diagram                    | 1SDM000002A1001                                       |
| Instructions and Manuals          | 1SDH002013A1001<br>1SDH002013A1002<br>1SDH001821A1001 |

Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q                                                                            |
| 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

