



PRODUCT-DETAILS

# XT4S 250 Ekip LSI In=250A 3p F F

## XT4S 250 Ekip LSI In=250A 3p F F



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | XT4S 250 Ekip LSI In=250A 3p F F   |
| Product ID            | 1SDA068485R1   |
| EAN                   | 8015644023911  |
| Catalog Description   | XT4S 250 Ekip LSI In=250A 3p F F   |
| Long Description      | C.BREAKER TMAX XT4S 250 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LSI R 250 A |

### ABB EcoSolutions

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

### Circular Value

|   |  |
|---|--|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 56.30 % |
| Conflict Minerals Reporting Template          | 9AKK108467A5658  |

(CMRT)

|                                     |   |
|-------------------------------------|---|
| End of Life Instructions            | 9AKK108468A2352                                     |
| 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 | 9AKK108469A1858 |
|   | 9AKK108468A1898 |

### Environmental

|                           |  |
|---------------------------|--|
| Environmental Information | 9AKK108467A6707  |
| REACH Declaration         | 9AKK108466A1425  |
| RoHS Information          | 9AKK108466A1424  |
| RoHS Status               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

### Ordering

|                          |                    |
|--------------------------|--------------------|
| Order Code US and Canada | XT4SE3250FFF000XXX |
| E-Number (Finland)       | 3641049            |
| EAN                      | 8015644023911      |
| Minimum Order Quantity   | 1 piece            |
| Customs Tariff Number    | 85362090           |

### Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 105 mm   |
| Product Net Height         | 160 mm   |
| Product Net Depth / Length | 82.5 mm  |
| Product Net Weight         | 2.326 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 151 mm        |
| Package Level 1 Height         | 214 mm        |
| Package Level 1 Depth / Length | 171 mm        |
| Package Level 1 Gross Weight   | 2.448 kg      |
| Package Level 1 EAN            | 8015644023911 |

### Additional Information

|                                       |                                |
|---------------------------------------|--------------------------------|
| Circuit Breaker Type to be Associated | Power Distribution             |
| Connecting Capacity                   | Busbar 85..200 mm <sup>2</sup> |

|   |  |
|---|--|
| Main Circuit  |  |
| Current Type  | AC   |
| Electrical Durability                                       | 120 cycles per hour<br>8000 cycle  |
| Mechanical Durability                                       | 240 cycles per hour<br>25000 cycle   |
| Number of Poles   | 3  |
| 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 16.40 W   |
| Product Main Type   | SACE Tmax XT   |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | Automatic Circuit Breaker  |
| Rated Current ( $I_n$ )                                     | 250 A  |
| Rated Frequency (f)   | 50/60 Hz   |
| Rated Voltage ( $U_r$ )                                     | 690 V AC   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV   |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V AC  |
| Rated Operational Voltage                                   | 690 V AC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 36 kA<br>(525 V AC) 25 kA<br>(690 V AC) 12 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(240 V AC) 85 kA<br>(380 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 36 kA<br>(525 V AC) 25 kA<br>(690 V AC) 12 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 250 A  |
| Recommended Screw Driver                                    | Main Circuit M8  |
| Release   | Ekip LSI   |
| Release Type  | EL   |
| RoHS Date   | NA   |
| Short-Circuit Performance Level                             | S  |
| Standards   | IEC60947-2   |
| Sub-type  | XT4  |
| Terminal Connection Type                                    | Front  |
| Terminal Type   | Bolt   |
| Tightening Torque   | 8 N·m  |
| Version   | F  |
| CAD Dimensional Drawing                                     | 1SDH002230A1003  |

---

### Technical UL/CSA

---

|                                   |  |
|-----------------------------------|--|
| Interrupting Rating acc. to UL489 | (240 V AC) 150 A<br>(480 V AC) 65 A<br>(600 V AC) 25 A |
|-----------------------------------|--|

---



---

### Certificates and Declarations

---

|                                   |                                    |
|-----------------------------------|------------------------------------|
| ATEX Certificate                  | No certification needed            |
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5529                    |
| GL Certificate                    | 1SDL000163R0095                    |
| LR Certificate                    | 1SDL000163R0100                    |
| UL Certificate                    | No certification needed            |
| VDE Certificate                   | No certification needed            |
| Dimension Diagram                 | 1SDH000722R0100                    |
| Mechanical Drawings               | 1SDH000722R0100                    |
| Wiring Diagram                    | 1SDM000068R0001                    |
| Instructions and Manuals          | 1SDH000722R0001<br>1SDH000721R0506 |

---



---

### 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  |
| UNSPSC                     | 39120000   |
| 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

