




---

 PRODUCT-DETAILS

# E2.2S 250 Ekip Hi-Touch LSI 4p F HR

## E2.2S 250 Ekip Hi-Touch LSI 4p F HR




---

**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | E2.2S 250 Ekip Hi-Touch LSI 4p F HR  |
| Product ID            | 1SDA073645R1   |
| EAN                   | 8015644775780  |
| Catalog Description   | E2.2S 250 Ekip Hi-Touch LSI 4p F HR  |
| Long Description      | C.BREAKER SACE EMAX2 E2.2S 250 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 250 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

---

**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          | 9AKK108468A2361   |
| Environmental Product Declaration - EPD         | 9AKK108468A1902<br>9AKK108468A1909                            |
| Recyclability Rate of the                       | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |

Product acc. to EN45555

**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 | ZBSMECBJ200A000000XX |
| EAN                      | 8015644775780        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

**Dimensions**

|                            |        |
|----------------------------|--------|
| Product Net Width          | 366 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 53 kg  |

**Container Information**

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 515 mm        |
| Package Level 1 Height         | 610 mm        |
| Package Level 1 Depth / Length | 615 mm        |
| Package Level 1 Gross Weight   | 58 kg         |
| Package Level 1 EAN            | 8015644775780 |

**Additional Information**

|                   |                     |
|-------------------|---------------------|
| Product Main Type | SACE Emax 2         |
| Product Name      | Air Circuit Breaker |
| Product Type      | Air Circuit Breaker |
| Version           | F                   |

## Technical

|   |  |
|---|--|
| Current Type  | AC   |
| Electrical Durability   | U <sub>e</sub> = < 440 V 15000 cycle<br>U <sub>e</sub> = 500 ... 690 V 15000 cycle<br>30 cycles per hour   |
| Mechanical Durability   | 25000 cycle<br>60 cycles per hour  |
| Neutral Pole Current ([% I <sub>n</sub> ])  | 100 %  |
| Number of Poles   | 4P   |
| Power Loss  | 50 W   |
| Rated Current (I <sub>n</sub> )   | 250 A  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )                                       | acc. to IEC 60947-2 12 kV  |
| Rated Insulation Voltage (U <sub>i</sub> )  | AC 1000 V  |
| Rated Operational Voltage   | 690 V AC   |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )                          | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 85 kA<br>(400 V AC) 85 kA<br>(415 V AC) 85 kA<br>(440 V AC) 85 kA<br>(500 V AC) 66 kA<br>(660 V AC) 66 kA<br>(690 V AC) 66 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 100 %  |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )                         | for 1 s 66 kA<br>for 3 s 50 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (400 V AC) 85 kA<br>(415 V AC) 85 kA<br>(440 V AC) 85 kA<br>(500 V AC) 66 kA<br>(525 V AC) 66 kA<br>(690 V AC) 66 kA   |
| Rated Uninterrupted Current (I <sub>u</sub> )   | 250 A  |
| Rated Voltage (U <sub>r</sub> )   | 690 V  |
| Release   | Ekip Hi-Touch LSI  |
| Release Type  | EL   |
| Short-Circuit Performance Level   | S  |
| Standards   | IEC  |
| Sub-type  | E2.2   |
| Suitable for IT Networks  | Yes, 690V  |
| Terminal Connection Type  | Rear flat Horizontal   |

## Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5902 |
| Instructions and                  | 1SDH001000R0002 |

## Manuals

Instructions and  
Manuals (Part 2)

1SDH001316R1002

---

**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) | 4926 >> Air circuit breakers   |
| Object Classification Code         | Q  |
| UNSPSC                             | 39121615   |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                             | V11.1 : 27370409   |

---

---

**Categories**

---

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

