




---

 PRODUCT-DETAILS

# E2.2H 2500 Ekip Dip LI 3p F HR

## E2.2H 2500 Ekip Dip LI 3p F HR




---

**General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | E2.2H 2500 Ekip Dip LI 3p F HR  |
| Product ID            | 1SDA071081R1  |
| EAN                   | 8015644749316   |
| Catalog Description   | E2.2H 2500 Ekip Dip LI 3p F HR  |
| Long Description      | C.BREAKER SACE EMAX2 E2.2H 2500 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 2500 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

---

**ABB EcoSolutions**

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

---

**Circular Value**

|                               |   |
|-------------------------------|---|
| Circular Design               | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |
| Principles Recyclability Rate |   |
| End of Life Instructions      | 9AKK108468A2361   |

Group Waste to Landfill  
Target

UL 2799 Zero Waste To Landfill Validation available

## Eco Transparency

|   |                                    |
|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1902<br>9AKK108468A1909 |
|---|------------------------------------|

## Environmental

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

## 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  | 5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT)                        |

## Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z2HUELBA000A000000XX |
| EAN                      | 8015644749316        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 276 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 41 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 | 515 mm        |
| Package Level 1 Gross Weight   | 46 kg         |
| Package Level 1 EAN            | 8015644749316 |

## Additional Information

|                         |                     |
|-------------------------|---------------------|
| Product Main Type       | SACE Emax 2         |
| Product Name            | Air Circuit Breaker |
| Product Type            | Air Circuit Breaker |
| Version                 | F                   |
| CAD Dimensional Drawing | 1SDH001252R0083     |

## Technical

|   |  |
|---|--|
| Current Type  | AC   |
| Electrical Durability   | Ue = < 440 V 8000 cycle<br>Ue = 500 ... 690 V 7000 cycle<br>30 cycles per hour   |
| Mechanical Durability   | 20000 cycle<br>60 cycles per hour  |
| Number of Poles   | 3  |
| Power Loss  | 267 W  |
| Rated Current (I <sub>n</sub> )   | 2500 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) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 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 85 kA<br>for 3 s 66 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(525 V AC) 85 kA<br>(690 V AC) 85 kA  |
| Rated Uninterrupted Current (I <sub>u</sub> )   | 2500 A   |
| Rated Voltage (U <sub>r</sub> )   | 690 V  |
| Recommended Screw Driver  | Main Circuit M12   |
| Release   | Ekip Dip LI  |
| Release Type  | EL   |
| Short-Circuit Performance Level   | H  |
| Standards   | IEC  |
| Sub-type  | E2.2   |
| Terminal Connection Type  | Rear flat Horizontal   |

|                   |        |
|-------------------|--------|
| Terminal Type     | Bolt   |
| Tightening Torque | 70 N·m |

---

## Certificates and Declarations

|                                   |                         |
|-----------------------------------|-------------------------|
| ATEX Certificate                  | No certification needed |
| CSA Certificate                   | No certification needed |
| CSA Certificate (Intrinsic Safe)  | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209         |
| Declaration of Conformity - CE    | 9AKK106713A5902         |
| UL Certificate                    | No certification needed |
| VDE Certificate                   | No certification needed |
| Mechanical Drawings               | 1SDH001000R0100         |
| Wiring Diagram                    | 1SDM000091R0001         |
| Instructions and Manuals          | 1SDH001000R0002         |

---

## Classifications

|                                    |  |
|------------------------------------|--|
| 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

