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 PRODUCT-DETAILS

# E2.2B 1600 Ekip Hi-Touch LSI 4p WMP

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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | E2.2B 1600 Ekip Hi-Touch LSI 4p WMP  |
| Product ID            | 1SDA072968R1   |
| EAN                   | 8015644768188  |
| Catalog Description   | E2.2B 1600 Ekip Hi-Touch LSI 4p WMP  |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E2.2B 1600 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

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**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 Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |

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## Material Compliance

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|   |   |
|---|---|
| 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  | befb09f2-d8ad-4794-b22b-1cc37cf0e966 Italy  |
| Simplified SCIP                             | e8e563a1-6f91-4e04-8f5f-e7f02988622b Germany<br>1894c8c9-4905-44d3-b568-3eb374a6329d Spain<br>e2dcff75-47c3-49e3-9a09-a399df1daa52 Sweden<br>dd1cedee-4086-4afa-9dbb-1e131cbb13b4 Bulgaria<br>7d805b90-36f2-46b7-9290-7aac49e48312 Portugal<br>76b01b51-a7fd-4fbb-a0f1-8124db947201 Czech Republic<br>863c8c15-798f-4d80-81fb-96b64b88cbf2 Poland<br>80a697b3-5078-4b8f-a73e-ca2564ffd23c Poland<br>7d3c81eb-1422-4f75-8538-c9d0d34ad5ba Belgium<br>62d771aa-b80e-4319-be9d-a44d9d99092d Germany<br>91f810a0-79af-456e-a7df-12b49d304d92 Germany<br>77c385ef-965f-4a27-b12c-e816caf9f1a4 Croatia<br>22063ddf-6553-dbf-95ec-25a1a42b1ac2 Germany<br>87046ffb-ac25-4edf-a0a9-a0cb7f9c22f0 Denmark<br>180752df-115b-439a-a8a1-0ca7f12b93b4 France<br>8506880c-53df-4f3f-b6b3-b1a20f5bb006 Belgium<br>55c166af-147d-45f8-a4fc-815a9a823db0 Hungary<br>cfe5a3c5-fbf5-4e96-814a-66e80548eac6 France<br>9fecc417-c07c-4475-914f-d0c64e6745a7 Hungary<br>c2844164-7eed-4545-9d7d-451bd1ce37b1 Norway<br>6b9371d3-afad-488d-b838-a3905f875e2e Sweden<br>2737fc79-6a9d-463b-a454-05d254bb1bd4 Estonia<br>dee4605a-e7bd-438e-8277-719914d1fd5e Netherlands<br>e19f73ca-debe-498a-97be-985418766a3f Greece<br>0bde06b5-3b85-4990-85c8-5e7db21f9e66 Finland<br>68fa0845-743c-45d8-8197-5dbc75912828 Poland<br>22db41c9-478d-4ff7-a211-106938377f82 Germany |

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## Environmental

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

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## Ordering

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|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | ZBBSEJAJ200A000000XX |
| EAN                      | 8015644768188        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

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## Dimensions

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|----------------------------|--------|
| Product Net Width          | 407 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 55 kg  |

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## Container Information

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|                        |             |
|------------------------|-------------|
| Package Level 1 Units  | box 1 piece |
| Package Level 1 Width  | 515 mm      |
| Package Level 1 Height | 610 mm      |

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|                                |               |
|--------------------------------|---------------|
| Package Level 1 Depth / Length | 615 mm        |
| Package Level 1 Gross Weight   | 60 kg         |
| Package Level 1 EAN            | 8015644768188 |

## Additional Information

|                         |                     |
|-------------------------|---------------------|
| Product Main Type       | SACE Emax 2         |
| Product Name            | Air Circuit Breaker |
| Product Type            | Air Circuit Breaker |
| Version                 | W                   |
| CAD Dimensional Drawing | 1SDH001252R0432     |

## Technical

|   |  |
|---|--|
| Current Type  | AC   |
| Electrical Durability   | U <sub>e</sub> =< 440 V 12000 cycle<br>U <sub>e</sub> = 500 ... 690 V 10000 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  | 288 W  |
| Rated Current (I <sub>n</sub> )   | 1600 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) 42 kA<br>(230 V AC) 42 kA<br>(380 V AC) 42 kA<br>(400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 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 42 kA<br>for 3 s 42 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(525 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )   | 1600 A   |
| Rated Voltage (U <sub>r</sub> )   | 690 V  |
| Release   | Ekip Hi-Touch LSI  |
| Release Type  | EL   |
| Short-Circuit Performance Level   | B  |
| Standards   | IEC  |
| Sub-type  | E2.2   |
| Suitable for IT Networks  | Yes, 690V  |

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## Certificates and Declarations

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|                                   |                         |
|-----------------------------------|-------------------------|
| 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               | 1SDH001000R0102         |
| Wiring Diagram                    | 1SDM000091R0001         |
| Instructions and Manuals          | 1SDH001000R0002         |
| Instructions and Manuals (Part 2) | 1SDH001316R1002         |

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## External Classifications and Standards

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

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## Categories

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

