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 PRODUCT-DETAILS

# E1.2N 1000 Ekip Hi-Touch LSI 4p WMP

## E1.2N 1000 Ekip Hi-Touch LSI 4p WMP




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | E1.2N 1000 Ekip Hi-Touch LSI 4p WMP  |
| Product ID            | 1SDA072788R1   |
| EAN                   | 8015644766382  |
| Catalog Description   | E1.2N 1000 Ekip Hi-Touch LSI 4p WMP  |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 1000 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1000 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          | 9AKK108468A2360   |
| Environmental Product Declaration - EPD         | 9AKK108468A1900<br>9AKK108468A3028                            |
| Recyclability Rate of the                       | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |

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  |
| SCIP  | 55c95288-0669-4530-bb9d-4582fd6bce44 Italy   |
| Simplified SCIP                             | d94d3696-227c-4f1d-a6e4-579bc21d93b4 Germany<br>9d51711c-cb68-4ba3-837c-042c88b91aa4 Sweden<br>e44c0120-b767-457f-bbb6-829e95dd6a75 Poland<br>7fe92d6d-dad9-4ec4-9628-bd1c5c8b0b76 France<br>9d51711c-cb68-4ba3-837c-042c88b91aa4 Sweden<br>4258b992-4158-4b9b-bc71-4e34caf60fe8 Czech Republic<br>f5aeef74-553e-4b02-9281-53e4fb7229ec Croatia<br>fc62182d-f9da-498d-8788-8dad9bd57367 Hungary<br>8c642c6f-584b-475f-bd2f-9fd2dec2283 France<br>00f862ce-35f9-49ad-8617-4bafb3811c77 Belgium<br>b92f04dd-072f-47f1-8da6-0f763d7b238e Spain<br>a58c5d5a-533a-45e7-b6c1-fa4cf729458a Estonia<br>3166395b-bd25-4bae-a825-9cac86536d3e Poland<br>67689a1b-9de4-421c-88e8-654d6aa73bf2 Greece<br>8c642c6f-584b-475f-bd2f-9fd2dec2283 France<br>b8f0e76c-6a34-486e-9944-1cddb22601a0 Netherlands<br>b92f04dd-072f-47f1-8da6-0f763d7b238e Spain<br>a58c5d5a-533a-45e7-b6c1-fa4cf729458a Estonia<br>875c64f3-110c-419f-8f31-84d05d8c0784 Sweden<br>8179d0c8-11ce-42ed-855f-5233e6514a3a Germany<br>3cb75ebf-3e84-4e95-9a22-67abca9918ab Finland<br>25f6c10f-7e4d-4be5-81f8-e2c6d02b3358 Germany<br>875c64f3-110c-419f-8f31-84d05d8c0784 Sweden<br>2bfa7b0c-f327-462b-b462-d9955f7bcd9f Denmark<br>28e1d119-dce1-4f9a-9d9b-32436def0c0e Belgium<br>0525bc10-fd76-48aa-b702-77ebb7700261 Norway<br>3ca9e8d3-d32d-4b21-8600-a5c7c31bb2e8 Bulgaria<br>570ddc92-a7d9-4d0c-9f59-ccb8eb93197d Germany<br>570ddc92-a7d9-4d0c-9f59-ccb8eb93197d Germany<br>9b186e8a-051c-4095-a3a1-51f1a7a86760 Germany<br>f5aeef74-553e-4b02-9281-53e4fb7229ec Croatia<br>3cb75ebf-3e84-4e95-9a22-67abca9918ab Finland<br>28e1d119-dce1-4f9a-9d9b-32436def0c0e Belgium<br>e44c0120-b767-457f-bbb6-829e95dd6a75 Poland<br>bbace7ca-d009-434b-8622-21ae5331cccc Poland<br>67689a1b-9de4-421c-88e8-654d6aa73bf2 Greece<br>fc62182d-f9da-498d-8788-8dad9bd57367 Hungary<br>2bfa7b0c-f327-462b-b462-d9955f7bcd9f Denmark<br>9b186e8a-051c-4095-a3a1-51f1a7a86760 Germany<br>3166395b-bd25-4bae-a825-9cac86536d3e Poland<br>b898c1f1-838c-4fb5-9552-e9bf516f5f44 Portugal<br>bbace7ca-d009-434b-8622-21ae5331cccc Poland<br>b8f0e76c-6a34-486e-9944-1cddb22601a0 Netherlands<br>00f862ce-35f9-49ad-8617-4bafb3811c77 Belgium<br>d94d3696-227c-4f1d-a6e4-579bc21d93b4 Germany<br>3ca9e8d3-d32d-4b21-8600-a5c7c31bb2e8 Bulgaria<br>4258b992-4158-4b9b-bc71-4e34caf60fe8 Czech Republic<br>5541127b-31b4-4d1c-a641-ae44e56978c8 Hungary<br>7fe92d6d-dad9-4ec4-9628-bd1c5c8b0b76 France<br>0525bc10-fd76-48aa-b702-77ebb7700261 Norway<br>25f6c10f-7e4d-4be5-81f8-e2c6d02b3358 Germany<br>b898c1f1-838c-4fb5-9552-e9bf516f5f44 Portugal<br>8179d0c8-11ce-42ed-855f-5233e6514a3a Germany<br>5541127b-31b4-4d1c-a641-ae44e56978c8 Hungary |

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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 | ZANQEGAJ200A000000XX |
| EAN                      | 8015644766382        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

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**Dimensions**


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|                            |          |
|----------------------------|----------|
| Product Net Width          | 348 mm   |
| Product Net Height         | 363.5 mm |
| Product Net Depth / Length | 271 mm   |
| Product Net Weight         | 20 kg    |

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**Container Information**


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|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 350 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 330 mm        |
| Package Level 1 Gross Weight   | 23 kg         |
| Package Level 1 EAN            | 8015644766382 |

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**Additional Information**


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|-------------------------|---------------------|
| Product Main Type       | SACE Emax 2         |
| Product Name            | Air Circuit Breaker |
| Product Type            | Air Circuit Breaker |
| Version                 | W                   |
| CAD Dimensional Drawing | 1SDH001252R0065     |

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**Technical**


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| Current Type                               | AC   |
| Electrical Durability                      | Ue = < 440 V 8000 cycle<br>Ue = 500 ... 690 V 8000 cycle<br>30 cycles per hour |
| Mechanical Durability                      | 20000 cycle<br>60 cycles per hour  |
| Neutral Pole Current ([% I <sub>n</sub> ]) | 100 %  |
| Number of Poles                            | 4P   |
| Power Loss                                 | 156 W  |

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|--|--|
| Rated Current ( $I_n$ )  | 1000 A   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )                                | acc. to IEC 60947-2 12 kV  |
| Rated Insulation Voltage ( $U_i$ )   | AC 1000 V  |
| Rated Operational Voltage  | 690 V AC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )                   | (220 V AC) 66 kA<br>(230 V AC) 66 kA<br>(380 V AC) 66 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 50 kA<br>(660 V AC) 50 kA<br>(690 V AC) 50 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ ) | 100 %  |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )                  | for 1 s 50 kA<br>for 3 s 30 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )                  | (400 V AC) 66 kA<br>(415 V AC) 66 kA<br>(440 V AC) 66 kA<br>(500 V AC) 50 kA<br>(525 V AC) 50 kA<br>(690 V AC) 50 kA   |
| Rated Uninterrupted Current ( $I_u$ )  | 1000 A   |
| Rated Voltage ( $U_r$ )  | 690 V  |
| Release  | Ekip Hi-Touch LSI  |
| Release Type   | EL   |
| Short-Circuit Performance Level  | N  |
| Standards  | IEC  |
| Sub-type   | E1.2   |
| Suitable for IT Networks   | Yes, 690V  |

## 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    | 9AKK106713A5546         |
| UL Certificate                    | No certification needed |
| VDE Certificate                   | No certification needed |
| Mechanical Drawings               | 1SDH000999R0103         |
| Wiring Diagram                    | 1SDM000091R0001         |
| Instructions and Manuals          | 1SDH000999R0002         |
| 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

