



PRODUCT-DETAILS

# E2.2S 1000 Ekip Hi-Touch LSI 3p WMP

## E2.2S 1000 Ekip Hi-Touch LSI 3p WMP



| General Information   |                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2S 1000 Ekip Hi-Touch LSI 3p WMP                                                                                                                                                       |
| Product ID            | 1SDA072288R1                                                                                                                                                                              |
| EAN                   | 8015644761387                                                                                                                                                                             |
| Catalog Description   | E2.2S 1000 Ekip Hi-Touch LSI 3p WMP                                                                                                                                                       |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E2.2S 1000 THREE-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 |

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

| Circular Value                |                                                               |
|-------------------------------|---------------------------------------------------------------|
| Circular Design               | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |
| Principles Recyclability Rate |                                                               |
| Conflict Minerals             | 9AKK108467A5658                                               |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Reporting Template (CMRT)           |                                                     |
| End of Life Instructions            | 9AKK108468A2361                                     |
| 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 | 9AKK108468A1902 |
|                                         | 9AKK108468A1909 |

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SCIP                      | 4747eefa-5025-4849-bcfc-b1b0914b4489 Italy (IT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Simplified SCIP           | eea2985c-0e2e-4275-b43b-111ea56f6d7a Germany (DE)<br>a368a1ea-b872-4388-b1b6-a38b8d519339 Hungary (HU)<br>b2a7e2a5-f7db-48e9-afe5-943e76af84cd Spain (ES)<br>b4d852cc-7732-4a88-bd99-0eb5858ef27d Belgium (BE)<br>5b2a5d0a-d8f3-470d-ae92-fae3d3eea0d5 Germany (DE)<br>b4d76476-297e-4080-84bf-fb833f788078 Germany (DE)<br>ddb55402-82aa-4a91-a595-486bd2de0691 France (FR)<br>23b392a5-b705-4161-a219-b4a9076d3a58 Croatia (HR)<br>a2ee6b70-1396-47ab-8884-c797dff90ca5 Finland (FI)<br>7ba9bbd3-840e-4276-942b-ae1ffc29c35a Estonia (EE)<br>60a57ebf-5daa-4318-ba26-0d94cc9e589f Greece (GR)<br>220ce131-a106-45b8-94fb-0014bc952272 Belgium (BE)<br>2fb793b8-1169-4efb-9b5e-72bbd611cafd Sweden (SE)<br>a633ac54-a868-474f-8d04-9d6840c2a90f Germany (DE)<br>e4829c7b-cfc7-45d9-b76d-8cf6ee614b43 Germany (DE)<br>e398516c-07d7-4822-815a-c4637a55f807 Denmark (DK)<br>7521f7f7-3b32-4611-9afa-a59a597ba5e7 France (FR)<br>4f6f4333-fb3d-4c86-adc5-5c844806b6de Netherlands (NL)<br>3c510c0b-14e0-4e66-bd80-cf6bc2e0a2a7 Poland (PL)<br>6097a857-0ae6-4a74-9c52-29059d70d741 Norway (NO)<br>2dba6c14-4245-4fb8-a9d0-0293f30f0e8f Hungary (HU)<br>4bbdc680-7619-4924-bf32-a70b7ade9461 Czech Republic (CZ)<br>dbf7d904-a164-44e7-bb0b-ad8d76d6a5a6 Poland (PL)<br>b575de19-3f25-4de3-a932-b81fd409269b Poland (PL)<br>160136f6-1905-4e46-b224-d40b29baeb8c Bulgaria (BG)<br>5cf9253f-7f56-49d2-a770-44f1d169f9cb Sweden (SE)<br>d6c33076-9090-4659-923c-1d33e8cc0d8d Portugal (PT) |

Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z2SQEGAJ200A000000XX |
| EAN                      | 8015644761387        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 317 mm |
|-------------------|--------|

|                            |        |
|----------------------------|--------|
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 48 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   | 53 kg         |
| Package Level 1 EAN            | 8015644761387 |

Additional Information

|                                                                        |                                                                                                                                                                                  |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Type                                                           | AC                                                                                                                                                                               |
| Electrical Durability                                                  | Ue =< 440 V 15000 cycle<br>Ue = 500 ... 690 V 15000 cycle<br>30 cycles per hour                                                                                                  |
| Mechanical Durability                                                  | 25000 cycle<br>60 cycles per hour                                                                                                                                                |
| Number of Poles                                                        | 3                                                                                                                                                                                |
| Power Loss                                                             | 113 W                                                                                                                                                                            |
| Product Main Type                                                      | SACE Emax 2                                                                                                                                                                      |
| Product Name                                                           | Air Circuit Breaker                                                                                                                                                              |
| Product Type                                                           | Air Circuit Breaker                                                                                                                                                              |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cs</sub> | 100 %                                                                                                                                                                            |
| Rated Current (I <sub>n</sub> )                                        | 1000 A                                                                                                                                                                           |
| Rated Voltage (U <sub>r</sub> )                                        | 690 V                                                                                                                                                                            |
| 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 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                                                    | 1000 A                                                                                                                                                                           |

|                                 |                   |
|---------------------------------|-------------------|
| Current (I <sub>u</sub> )       |                   |
| Release                         | Ekip Hi-Touch LSI |
| Release Type                    | EL                |
| Short-Circuit Performance Level | S                 |
| Standards                       | IEC               |
| Sub-type                        | E2.2              |
| Version                         | W                 |
| CAD Dimensional Drawing         | 1SDH001252R0431   |

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

### 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 |
| 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

