PRODUCT-DETAILS

# E1.2N 800 Ekip Hi-Touch LSI 3p WMP

## E1.2N 800 Ekip Hi-Touch LSI 3p WMP



### General Information

| | |
|---|---|
| Extended Product Type | E1.2N 800 Ekip Hi-Touch LSI 3p WMP |
| Product ID | 1SDA072118R1 |
| EAN | 8015644759681 |
| Catalog Description | E1.2N 800 Ekip Hi-Touch LSI 3p WMP |
| Long Description | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 800 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### ABB EcoSolutions

| | |
|---|---|
| ABB EcoSolutions | Yes |
| Environmental Product Declaration - EPD | 9AKK108468A1900<br>9AKK108468A3028 |

### Material Compliance

| | |
|---|---|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |

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| | |
|---|---|
| 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 | 25c658d4-8144-45d6-9212-fed04a94604b Italy (IT) |
| Simplified SCIP | 60fbfc7e-3763-4ded-b50a-aa8dc0a32298 Bulgaria (BG)<br>8c0453a5-97bd-4def-a736-44cf612873fa Czech Republic (CZ)<br>f9f2219c-6734-4894-9265-8bd0a452eb0b Germany (DE)<br>c1d33d3b-916e-49e6-b761-393c30f1adb8 Hungary (HU)<br>8b78cd2b-d400-49a3-9509-c9fc5b132230 Germany (DE)<br>835cac82-c16c-446a-be31-b9f116f1ecc5 Sweden (SE)<br>50a5b57e-d21b-40c4-8779-be57e642a4a7 Netherlands (NL)<br>1e7b52fd-7c08-4159-adac-b54d3293d277 Croatia (HR)<br>e7f837e5-2bc9-4144-b7e5-b7b28c869405 Portugal (PT)<br>8c0453a5-97bd-4def-a736-44cf612873fa Czech Republic (CZ)<br>f55728b3-cafe-4dcd-ae68-8e6d17078fa6 Finland (FI)<br>b9165918-f2ec-437d-92c1-e9aa1fe20a5f Greece (GR)<br>b51a97f8-d7aa-4dcb-aa7a-7af09885a5e2 France (FR)<br>71d388de-96eb-4558-aca9-5921e491ee54 Germany (DE)<br>67f2ff50-125e-4c78-a2b3-99fe0cbd3ffc Norway (NO)<br>47d3ed5a-f52d-466d-80b1-303bf25e31cd Germany (DE)<br>b9165918-f2ec-437d-92c1-e9aa1fe20a5f Greece (GR)<br>50a5b57e-d21b-40c4-8779-be57e642a4a7 Netherlands (NL)<br>7fd554ef-9efa-46b5-964d-54fd785cbd76 Poland (PL)<br>32d78d2d-2e86-4955-8381-9613e8c26339 Belgium (BE)<br>b580e8f1-8636-4dc4-bb1b-52d307af85d9 Belgium (BE)<br>e7f837e5-2bc9-4144-b7e5-b7b28c869405 Portugal (PT)<br>64295c2c-475c-4085-b526-3e37311d031f Poland (PL)<br>f8583a6a-076a-49bf-980f-e7a43163dafe Spain (ES)<br>32d78d2d-2e86-4955-8381-9613e8c26339 Belgium (BE)<br>3ab4532d-73b4-4bfe-894c-d9fc83f758ff Hungary (HU)<br>64295c2c-475c-4085-b526-3e37311d031f Poland (PL)<br>e39b41a5-099a-41e4-9b65-3a8c7913dd1b Estonia (EE)<br>fc8feb71-63f7-408d-bd00-9b54642149b3 France (FR)<br>c1d33d3b-916e-49e6-b761-393c30f1adb8 Hungary (HU)<br>e39b41a5-099a-41e4-9b65-3a8c7913dd1b Estonia (EE)<br>f8583a6a-076a-49bf-980f-e7a43163dafe Spain (ES)<br>bd3dcada-5075-4daa-9d46-44fbf1ca59ab Sweden (SE)<br>9b848a8e-756c-48af-9bd6-787b5b7dfa32 Poland (PL)<br>b51a97f8-d7aa-4dcb-aa7a-7af09885a5e2 France (FR)<br>fc8feb71-63f7-408d-bd00-9b54642149b3 France (FR)<br>8b78cd2b-d400-49a3-9509-c9fc5b132230 Germany (DE)<br>f9f2219c-6734-4894-9265-8bd0a452eb0b Germany (DE)<br>835cac82-c16c-446a-be31-b9f116f1ecc5 Sweden (SE)<br>37b7f5aa-3753-49de-9b22-a35c8f825e14 Denmark (DK)<br>3ab4532d-73b4-4bfe-894c-d9fc83f758ff Hungary (HU)<br>7fd554ef-9efa-46b5-964d-54fd785cbd76 Poland (PL)<br>9b848a8e-756c-48af-9bd6-787b5b7dfa32 Poland (PL)<br>47d3ed5a-f52d-466d-80b1-303bf25e31cd Germany (DE)<br>1e7b52fd-7c08-4159-adac-b54d3293d277 Croatia (HR)<br>de611543-2750-489d-9617-51a6905147e6 Germany (DE)<br>b580e8f1-8636-4dc4-bb1b-52d307af85d9 Belgium (BE)<br>67f2ff50-125e-4c78-a2b3-99fe0cbd3ffc Norway (NO)<br>de611543-2750-489d-9617-51a6905147e6 Germany (DE)<br>60fbfc7e-3763-4ded-b50a-aa8dc0a32298 Bulgaria (BG)<br>37b7f5aa-3753-49de-9b22-a35c8f825e14 Denmark (DK)<br>71d388de-96eb-4558-aca9-5921e491ee54 Germany (DE)<br>f55728b3-cafe-4dcd-ae68-8e6d17078fa6 Finland (FI)<br>bd3dcada-5075-4daa-9d46-44fbf1ca59ab Sweden (SE) |

## Environmental

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

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## Ordering

| | |
|---|---|
| Order Code US and Canada | Z1NPEFAJ200A000000XX |
| EAN | 8015644759681 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

| | |
|---|---|
| Product Net Width | 278 mm |
| Product Net Height | 363.5 mm |
| Product Net Depth / Length | 271 mm |
| Product Net Weight | 18 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 270 mm |
| Package Level 1 Height | 350 mm |
| Package Level 1 Depth / Length | 330 mm |
| Package Level 1 Gross Weight | 20 kg |
| Package Level 1 EAN | 8015644759681 |

## Additional Information

| | |
|---|---|
| Product Main Type | SACE Emax 2 |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | W |
| CAD Dimensional Drawing | 1SDH001252R0024 |

## Technical

| | |
|---|---|
| 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 |
| Number of Poles | 3P |
| Power Loss | 100 W |
| Rated Current ($I_n$) | 800 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- | (220 V AC) 66 kA |

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| | |
|---|---|
| Circuit Breaking Capacity ($I_{cs}$) | (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 Icu ($I_{cs}$) | 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 ($I_u$) | 800 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 |

## 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 |

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|---|---|
| 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






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