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 PRODUCT-DETAILS

# E1.2N 630 Ekip Dip LI 3p WMP

## E1.2N 630 Ekip Dip LI 3p WMP




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**General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | E1.2N 630 Ekip Dip LI 3p WMP  |
| Product ID            | 1SDA072071R1  |
| EAN                   | 8015644759216   |
| Catalog Description   | E1.2N 630 Ekip Dip LI 3p WMP  |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 630 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 630 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  | 6bb6b84c-206e-42cd-9f25-d5c700e7dc0a Italy   |
| Simplified SCIP                             | 734c164f-9901-4a17-a6b3-918b01604941 Sweden<br>022083f7-66f1-4d9a-a1f9-e47efdbbaaa Finland<br>f159c5d6-ac62-4b64-9075-cdd906addc8e Germany<br>5e49a6b2-b435-4649-8c98-e762c9aa78c7 Denmark<br>414bd0bc-2531-4574-acc7-9c350a4c912b Bulgaria<br>240580a1-e540-41ae-abe4-6e3b7383ae7a Germany<br>159ddcf7-996b-473e-8d61-09f54da6dc4a Norway<br>963e8816-be31-402d-9186-1644983adf67 Belgium<br>ed469086-9c63-4103-a9bf-9774c764dedd Belgium<br>240580a1-e540-41ae-abe4-6e3b7383ae7a Germany<br>75f9905a-d0b5-47ed-93fd-5f7934312b38 Germany<br>963e8816-be31-402d-9186-1644983adf67 Belgium<br>a416b5c4-430b-4a41-af4d-a2b04cd74a78 Croatia<br>75f9905a-d0b5-47ed-93fd-5f7934312b38 Germany<br>f159c5d6-ac62-4b64-9075-cdd906addc8e Germany<br>95932c06-3ee6-4f29-b3f8-3c2ddf2dc0a5 Poland<br>5e49a6b2-b435-4649-8c98-e762c9aa78c7 Denmark<br>779abe06-d694-43a2-86b6-ebd747a4cba7 Greece<br>41f9bea8-a0f8-447d-97af-aa33d38441fa Hungary<br>fa508301-692b-4af5-bd32-8f24e332b8cd Poland<br>c76587df-d704-49db-8886-77acaa3ec32b Netherlands<br>fa508301-692b-4af5-bd32-8f24e332b8cd Poland<br>826aa044-936a-4fb6-a536-5dc22c4610ad Poland<br>3386f3af-103e-43ef-95b9-31a28fb2e3ff Portugal<br>779abe06-d694-43a2-86b6-ebd747a4cba7 Greece<br>022083f7-66f1-4d9a-a1f9-e47efdbbaaa Finland<br>3386f3af-103e-43ef-95b9-31a28fb2e3ff Portugal<br>bab7476f-5b89-4cda-ac1c-209f7d8d9666 Czech Republic<br>c76587df-d704-49db-8886-77acaa3ec32b Netherlands<br>a416b5c4-430b-4a41-af4d-a2b04cd74a78 Croatia<br>67e43d19-d6e3-4404-925e-d16ec51ef218 Sweden<br>4d7d47c1-0020-4cd7-a05b-6064aa0323bd Germany<br>56114d39-5e4d-408d-a720-2a7737a84ef8 France<br>159ddcf7-996b-473e-8d61-09f54da6dc4a Norway<br>b7656b01-3ea4-4304-b132-cf340a2ba55d Germany<br>27d4654a-9ea7-4f77-ae03-607dee86c89f Hungary<br>ed469086-9c63-4103-a9bf-9774c764dedd Belgium<br>617ec4a0-94b1-4302-81ac-5b8a14fb454e Spain<br>41f9bea8-a0f8-447d-97af-aa33d38441fa Hungary<br>95932c06-3ee6-4f29-b3f8-3c2ddf2dc0a5 Poland<br>56114d39-5e4d-408d-a720-2a7737a84ef8 France<br>4d7d47c1-0020-4cd7-a05b-6064aa0323bd Germany<br>b7656b01-3ea4-4304-b132-cf340a2ba55d Germany<br>4e5428fa-df01-4d4d-95ae-3f1228fa4094 France<br>67e43d19-d6e3-4404-925e-d16ec51ef218 Sweden<br>617ec4a0-94b1-4302-81ac-5b8a14fb454e Spain<br>89a801f8-3770-4c2e-b9ea-9d8c4fe23799 Estonia<br>734c164f-9901-4a17-a6b3-918b01604941 Sweden<br>4e5428fa-df01-4d4d-95ae-3f1228fa4094 France<br>826aa044-936a-4fb6-a536-5dc22c4610ad Poland<br>89a801f8-3770-4c2e-b9ea-9d8c4fe23799 Estonia<br>bab7476f-5b89-4cda-ac1c-209f7d8d9666 Czech Republic<br>27d4654a-9ea7-4f77-ae03-607dee86c89f Hungary<br>414bd0bc-2531-4574-acc7-9c350a4c912b Bulgaria |

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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 | Z1NNEEA000A000000XX |
| EAN                      | 8015644759216       |
| Minimum Order Quantity   | 1 piece             |
| Customs Tariff Number    | 85362090            |

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**Dimensions**


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

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**Container Information**


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|--------------------------------|---------------|
| 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            | 8015644759216 |

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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 | 1SDH001252R0024     |

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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  |
| Number of Poles                 | 3P   |
| Power Loss                      | 62 W   |
| Rated Current (I <sub>n</sub> ) | 630 A  |
| Rated Impulse                   | acc. to IEC 60947-2 12 kV  |

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|  |  |
|--|--|
| Withstand Voltage ( $U_{imp}$ )  |  |
| 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 ( $I_u$ )  | 630 A  |
| Rated Voltage ( $U_r$ )  | 690 V  |
| Release  | Ekip Dip LI  |
| 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         |

## External Classifications and Standards

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

