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 PRODUCT-DETAILS

# E1.2C 630 Ekip G Touch LSIG 4p WMP

# E1.2C 630 Ekip G Touch LSIG 4p WMP




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | E1.2C 630 Ekip G Touch LSIG 4p WMP   |
| Product ID            | 1SDA072697R1   |
| EAN                   | 8015644765477  |
| Catalog Description   | E1.2C 630 Ekip G Touch LSIG 4p WMP   |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2C 630 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/G/TOUCH-LSIG 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 Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |

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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  |

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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 | ZACNEEAN200A000000XX |
| EAN                      | 8015644765477        |
| 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            | 8015644765477 |

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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                   |

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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   | 62 W   |
| Rated Current (I <sub>n</sub> )  | 630 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) 50 kA<br>(230 V AC) 50 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 kA<br>(500 V AC) 42 kA<br>(660 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of 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 24 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )      | (400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 50 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> )                          | 630 A  |
| Rated Voltage (U <sub>r</sub> )  | 690 V  |
| Release  | Ekip G Touch LSiG  |
| Release Type   | EL   |
| Short-Circuit Performance Level  | C  |
| Standards  | IEC  |
| Sub-type   | E1.2   |
| Suitable for IT Networks   | Yes, 690V  |

## Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5546 |
| Instructions and Manuals          | 1SDH000999R0002 |
| Instructions and Manuals (Part 2) | 1SDH001316R1002 |

## 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

