

PRODUCT-DETAILS

# E1.2N 1600 Ekip Dip LSIG 3p WMP

## E1.2N 1600 Ekip Dip LSIG 3p WMP



### General Information

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E1.2N 1600 Ekip Dip LSIG 3p WMP                                                                                                                                                       |
| Product ID            | 1SDA072233R1                                                                                                                                                                          |
| EAN                   | 8015644760830                                                                                                                                                                         |
| Catalog Description   | E1.2N 1600 Ekip Dip LSIG 3p WMP                                                                                                                                                       |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 1600 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### ABB EcoSolutions

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

### Circular Value

|                                               |                                                               |
|-----------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |
| Conflict Minerals Reporting Template (CMRT)   | 9AKK108467A5658                                               |
| End of Life Instructions                      | 9AKK108468A2360                                               |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| 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 | 9AKK108468A1900 |
|                                         | 9AKK108468A3028 |

## 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                      | 5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT)                        |

## Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z1NSEJAC000A000000XX |
| EAN                      | 8015644760830        |
| 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            | 8015644760830 |

## Additional Information

|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| Current Type          | AC                                                                             |
| Electrical Durability | Ue = < 440 V 3000 cycle<br>Ue = 500 ... 690 V 6500 cycle<br>30 cycles per hour |
| Mechanical Durability | 20000 cycle                                                                    |

|                                                                        |                                                                                                                                                                                  |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                        | 60 cycles per hour                                                                                                                                                               |
| Number of Poles                                                        | 3                                                                                                                                                                                |
| Power Loss                                                             | 400 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> )                                        | 1600 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) 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 Short-time Withstand Current Low Voltage (I <sub>cw</sub> )      | for 1 s 50 kA<br>for 3 s 30 kA                                                                                                                                                   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )      | (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 <sub>u</sub> )                          | 1600 A                                                                                                                                                                           |
| Release                                                                | Ekip Dip LSIG                                                                                                                                                                    |
| Release Type                                                           | EL                                                                                                                                                                               |
| Short-Circuit Performance Level                                        | N                                                                                                                                                                                |
| Standards                                                              | IEC                                                                                                                                                                              |
| Sub-type                                                               | E1.2                                                                                                                                                                             |
| Version                                                                | W                                                                                                                                                                                |
| CAD Dimensional Drawing                                                | 1SDH001252R0024                                                                                                                                                                  |

## 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 |

## 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                                                             |

## Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

