



PRODUCT-DETAILS

E1.2N 1250 Ekip Dip LSIG 3p WMP

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General Information

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E1.2N 1250 Ekip Dip LSIG 3p WMP                                                                                                                                                       |
| Product ID            | 1SDA072193R1                                                                                                                                                                          |
| EAN                   | 8015644760434                                                                                                                                                                         |
| Catalog Description   | E1.2N 1250 Ekip Dip LSIG 3p WMP                                                                                                                                                       |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2N 1250 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LSIG R 1250 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

ABB EcoSolutions

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

Circular Value

|                                             |                                                               |
|---------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles                  | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |
| Recyclability Rate                          |                                                               |
| 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<br>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 |

Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z1NREHAC000A000000XX |
| EAN                      | 8015644760434        |
| 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            | 8015644760434 |

Additional Information

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| Current Type          | AC                                                                            |
| Electrical Durability | Ue =< 440 V 8000 cycle<br>Ue = 500 ... 690 V 6500 cycle<br>30 cycles per hour |
| Mechanical Durability | 20000 cycle<br>60 cycles per hour                                             |
| Number of Poles       | 3                                                                             |
| Power Loss            | 244 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 Icu (I <sub>cs</sub> ) | 100 %                                                                                                                                                                            |
| Rated Current (I <sub>n</sub> )                                               | 1250 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> )                                 | 1250 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 | 4926 >> Air circuit breakers                                                 |

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Code (IGCC)                |                                                            |
| 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

