



PRODUCT-DETAILS

E6.2V 4000 Ekip Dip LI 3p F HR

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| General Information   |                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E6.2V 4000 Ekip Dip LI 3p F HR                                                                                                                                                                          |
| Product ID            | 1SDA071241R1                                                                                                                                                                                            |
| EAN                   | 8015644750916                                                                                                                                                                                           |
| Catalog Description   | E6.2V 4000 Ekip Dip LI 3p F HR                                                                                                                                                                          |
| Long Description      | C.BREAKER SACE EMAX2 E6.2V 4000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

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

| Circular Value                |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Circular Design               | Design for Closing Resource Loops - Standard EN45555 - 77 % |
| Principles Recyclability Rate |                                                             |
| Conflict Minerals             | 9AKK108467A5658                                             |

Reporting Template  
(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2364                                     |
| 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 | 9AKK108468A1905<br>9AKK108468A1913 |
|-----------------------------------------|------------------------------------|

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 | Z6VWERBA000A000000XX |
| EAN                      | 8015644750916        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 762 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 109 kg |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 515 mm        |
| Package Level 1 Height         | 610 mm        |
| Package Level 1 Depth / Length | 1000 mm       |
| Package Level 1 Gross Weight   | 118 kg        |
| Package Level 1 EAN            | 8015644750916 |

Additional Information

|                       |                        |
|-----------------------|------------------------|
| Current Type          | AC                     |
| Electrical Durability | Ue =< 440 V 4000 cycle |

|                                                                               |                                                                                                                                                                                           |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                               | Ue = 500 ... 690 V 4000 cycle<br>10 cycles per hour                                                                                                                                       |
| Mechanical Durability                                                         | 12000 cycle<br>60 cycles per hour                                                                                                                                                         |
| Number of Poles                                                               | 3                                                                                                                                                                                         |
| Power Loss                                                                    | 309 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> )                                               | 4000 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) 150 kA<br>(230 V AC) 150 kA<br>(380 V AC) 150 kA<br>(400 V AC) 150 kA<br>(415 V AC) 150 kA<br>(440 V AC) 150 kA<br>(500 V AC) 130 kA<br>(660 V AC) 100 kA<br>(690 V AC) 100 kA |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )             | for 1 s 100 kA<br>for 3 s 100 kA                                                                                                                                                          |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )             | (400 V AC) 150 kA<br>(415 V AC) 150 kA<br>(440 V AC) 150 kA<br>(500 V AC) 130 kA<br>(525 V AC) 130 kA<br>(690 V AC) 100 kA                                                                |
| Rated Uninterrupted Current (I <sub>u</sub> )                                 | 4000 A                                                                                                                                                                                    |
| Recommended Screw Driver                                                      | Main Circuit M12                                                                                                                                                                          |
| Release                                                                       | Ekip Dip LI                                                                                                                                                                               |
| Release Type                                                                  | EL                                                                                                                                                                                        |
| Short-Circuit Performance Level                                               | V                                                                                                                                                                                         |
| Standards                                                                     | IEC                                                                                                                                                                                       |
| Sub-type                                                                      | E6.2                                                                                                                                                                                      |
| Terminal Connection Type                                                      | Rear flat Horizontal                                                                                                                                                                      |
| Terminal Type                                                                 | Bolt                                                                                                                                                                                      |
| Tightening Torque                                                             | 70 N·m                                                                                                                                                                                    |
| Version                                                                       | F                                                                                                                                                                                         |
| CAD Dimensional Drawing                                                       | 1SDH001252R0223                                                                                                                                                                           |

## 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    | 9AKK106713A5544         |
| UL Certificate                    | No certification needed |
| VDE Certificate                   | No certification needed |
| Mechanical Drawings               | 1SDH001060R0100         |
| Wiring Diagram                    | 1SDM000091R0001         |
| Instructions and Manuals          | 1SDH001000R0002         |

**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 |
| Object Classification Code | Q                                                                            |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm)                  |
| eClass                     | V11.1 : 27370409                                                             |

**Categories**

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

