



PRODUCT-DETAILS

# E2.2N 2500 Ekip G Hi-Touch LSIG 4p WMP

## E2.2N 2500 Ekip G Hi-Touch LSIG 4p WMP



| General Information   |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2N 2500 Ekip G Hi-Touch LSIG 4p WMP                                                                                                                                                      |
| Product ID            | 1SDA073050R1                                                                                                                                                                                |
| EAN                   | 8015644769000                                                                                                                                                                               |
| Catalog Description   | E2.2N 2500 Ekip G Hi-Touch LSIG 4p WMP                                                                                                                                                      |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E2.2N 2500 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/G/HI-TOUCH-LSIG R 2500 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 - 79.1 % |
| Principles Recyclability Rate |                                                               |
| Conflict Minerals             | 9AKK108467A5658                                               |

Reporting Template  
(CMRT)

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| End of Life Instructions            | 9AKK108468A2361                                     |
| 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 | 9AKK108468A1902<br>9AKK108468A1909 |
|-----------------------------------------|------------------------------------|

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 | ZBNUELAQ200A000000XX |
| EAN                      | 8015644769000        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 407 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 55 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 | 615 mm        |
| Package Level 1 Gross Weight   | 60 kg         |
| Package Level 1 EAN            | 8015644769000 |

Additional Information

|                       |                        |
|-----------------------|------------------------|
| Current Type          | AC                     |
| Electrical Durability | Ue =< 440 V 8000 cycle |

|                                                                                                  |                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                  | Ue = 500 ... 690 V 7000 cycle<br>30 cycles per hour                                                                                                                              |
| Mechanical Durability                                                                            | 20000 cycle<br>60 cycles per hour                                                                                                                                                |
| Neutral Pole Current ([%<br>I <sub>u</sub> ])                                                    | 100 %                                                                                                                                                                            |
| Number of Poles                                                                                  | 4                                                                                                                                                                                |
| Power Loss                                                                                       | 550 W                                                                                                                                                                            |
| Product Main Type                                                                                | SACE Emax 2                                                                                                                                                                      |
| Product Name                                                                                     | Air Circuit Breaker                                                                                                                                                              |
| Product Type                                                                                     | Air Circuit Breaker                                                                                                                                                              |
| Rated Service Short-<br>Circuit Breaking<br>Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 100 %                                                                                                                                                                            |
| Rated Current (I <sub>n</sub> )                                                                  | 2500 A                                                                                                                                                                           |
| Rated Voltage (U <sub>r</sub> )                                                                  | 690 V                                                                                                                                                                            |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>)                                        | acc. to IEC 60947-2 12 kV                                                                                                                                                        |
| Rated Insulation Voltage<br>(U <sub>i</sub> )                                                    | AC 1000 V                                                                                                                                                                        |
| Rated Operational<br>Voltage                                                                     | 690 V AC                                                                                                                                                                         |
| Rated Service Short-<br>Circuit Breaking<br>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) 66 kA<br>(415 V AC) 66 kA<br>(440 V AC) 66 kA<br>(500 V AC) 66 kA<br>(660 V AC) 66 kA<br>(690 V AC) 66 kA |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> )                          | for 1 s 66 kA<br>for 3 s 50 kA                                                                                                                                                   |
| Rated Ultimate Short-<br>Circuit Breaking<br>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) 66 kA<br>(525 V AC) 66 kA<br>(690 V AC) 66 kA                                                             |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                                                 | 2500 A                                                                                                                                                                           |
| Release                                                                                          | Ekip G Hi-Touch LSiG                                                                                                                                                             |
| Release Type                                                                                     | EL                                                                                                                                                                               |
| Short-Circuit<br>Performance Level                                                               | N                                                                                                                                                                                |
| Standards                                                                                        | IEC                                                                                                                                                                              |
| Sub-type                                                                                         | E2.2                                                                                                                                                                             |
| Version                                                                                          | W                                                                                                                                                                                |

## Certificates and Declarations

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 1SDC200023D0209 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5902 |
| Instructions and<br>Manuals          | 1SDH001000R0002 |
| Instructions and<br>Manuals (Part 2) | 1SDH001316R1002 |

| 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

