



PRODUCT-DETAILS

E4.2N 3200 Ekip Touch LSIG 4p WMP  
E4.2N 3200 Ekip Touch LSIG 4p WMP



| General Information   |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E4.2N 3200 Ekip Touch LSIG 4p WMP                                                                                                                                                      |
| Product ID            | 1SDA073126R1                                                                                                                                                                           |
| EAN                   | 8015644769765                                                                                                                                                                          |
| Catalog Description   | E4.2N 3200 Ekip Touch LSIG 4p WMP                                                                                                                                                      |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E4.2N 3200 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 3200 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

| 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            | 9AKK108468A2363                                               |
| Environmental Product Declaration - EPD           | 9AKK108468A1904<br>9AKK108468A1910                            |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 79.3 % |

## Material Compliance

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

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

## Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | ZCNVENAF000A000000XX |
| EAN                      | 8015644769765        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 551 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 74 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 | 785 mm        |
| Package Level 1 Gross Weight   | 81 kg         |
| Package Level 1 EAN            | 8015644769765 |

## Additional Information

|                         |                     |
|-------------------------|---------------------|
| Product Main Type       | SACE Emax 2         |
| Product Name            | Air Circuit Breaker |
| Product Type            | Air Circuit Breaker |
| Version                 | W                   |
| CAD Dimensional Drawing | 1SDH001252R0434     |

## Technical

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Current Type          | AC                                                      |
| Electrical Durability | Ue =< 440 V 7000 cycle<br>Ue = 500 ... 690 V 7000 cycle |

|                                                                                           |                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                           | 20 cycles per hour                                                                                                                                                               |
| Mechanical Durability                                                                     | 20000 cycle                                                                                                                                                                      |
|                                                                                           | 60 cycles per hour                                                                                                                                                               |
| Neutral Pole Current ([% I <sub>u</sub> ])                                                | 100 %                                                                                                                                                                            |
| Number of Poles                                                                           | 4P                                                                                                                                                                               |
| Power Loss                                                                                | 743 W                                                                                                                                                                            |
| Rated Current (I <sub>n</sub> )                                                           | 3200 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) 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 Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 100 %                                                                                                                                                                            |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )                         | for 1 s 66 kA<br>for 3 s 50 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) 66 kA<br>(525 V AC) 66 kA<br>(690 V AC) 66 kA                                                             |
| Rated Uninterrupted Current (I <sub>u</sub> )                                             | 3200 A                                                                                                                                                                           |
| Rated Voltage (U <sub>r</sub> )                                                           | 690 V                                                                                                                                                                            |
| Release                                                                                   | Ekip Touch LSIG                                                                                                                                                                  |
| Release Type                                                                              | EL                                                                                                                                                                               |
| Short-Circuit Performance Level                                                           | N                                                                                                                                                                                |
| Standards                                                                                 | IEC                                                                                                                                                                              |
| Sub-type                                                                                  | E4.2                                                                                                                                                                             |
| Suitable for IT Networks                                                                  | Yes, 690V                                                                                                                                                                        |

## 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    | 9AKK106713A5545         |
| UL Certificate                    | No certification needed |
| VDE Certificate                   | No certification needed |
| Mechanical Drawings               | 1SDH001001R0102         |
| Wiring Diagram                    | 1SDM000091R0001         |
| Instructions and Manuals          | 1SDH001000R0002         |
| 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                          | 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

