



PRODUCT-DETAILS

E2.2H 1000 Ekip G Hi-Touch LSIG 3p F HR

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| General Information   |                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2H 1000 Ekip G Hi-Touch LSIG 3p F HR                                                                                                                                                                          |
| Product ID            | 1SDA070950R1                                                                                                                                                                                                     |
| EAN                   | 8015644748005                                                                                                                                                                                                    |
| Catalog Description   | E2.2H 1000 Ekip G Hi-Touch LSIG 3p F HR                                                                                                                                                                          |
| Long Description      | C.BREAKER SACE EMAX2 E2.2H 1000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/G/HI-TOUCH-LSIG R 1000 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            | 9AKK108468A2361                                               |
| Environmental Product Declaration - EPD           | 9AKK108468A1902<br>9AKK108468A1909                            |
| Recyclability Rate of the Product acc. to EN45555 | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |

## 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                                                        |

## Environmental

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

## Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | Z2HQEGBQ200A000000XX |
| EAN                      | 8015644748005        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 276 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 41 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 | 515 mm        |
| Package Level 1 Gross Weight   | 46 kg         |
| Package Level 1 EAN            | 8015644748005 |

## Additional Information

|                   |                     |
|-------------------|---------------------|
| Product Main Type | SACE Emax 2         |
| Product Name      | Air Circuit Breaker |
| Product Type      | Air Circuit Breaker |
| Version           | F                   |

## Technical

|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| Current Type          | AC                                                                             |
| Electrical Durability | Ue ≤ 440 V 15000 cycle<br>Ue = 500 ... 690 V 15000 cycle<br>30 cycles per hour |
| Mechanical Durability | 25000 cycle<br>60 cycles per hour                                              |

|                                                                              |                                                                                                                                                                                        |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Poles                                                              | 3P                                                                                                                                                                                     |
| Power Loss                                                                   | 53 W                                                                                                                                                                                   |
| Rated Current ( $I_n$ )                                                      | 1000 A                                                                                                                                                                                 |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )                                | acc. to IEC 60947-2 12 kV                                                                                                                                                              |
| Rated Insulation Voltage ( $U_i$ )                                           | AC 1000 V                                                                                                                                                                              |
| Rated Operational Voltage                                                    | 690 V AC                                                                                                                                                                               |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )                   | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of $I_{cu}$ ( $I_{cs}$ ) | 100 %                                                                                                                                                                                  |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )                  | for 1 s 85 kA<br>for 3 s 66 kA                                                                                                                                                         |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )                  | (400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(525 V AC) 85 kA<br>(690 V AC) 85 kA                                                                |
| Rated Uninterrupted Current ( $I_u$ )                                        | 1000 A                                                                                                                                                                                 |
| Rated Voltage ( $U_r$ )                                                      | 690 V                                                                                                                                                                                  |
| Release                                                                      | Ekip G Hi-Touch LSiG                                                                                                                                                                   |
| Release Type                                                                 | EL                                                                                                                                                                                     |
| Short-Circuit Performance Level                                              | H                                                                                                                                                                                      |
| Standards                                                                    | IEC                                                                                                                                                                                    |
| Sub-type                                                                     | E2.2                                                                                                                                                                                   |
| Suitable for IT Networks                                                     | Yes, 690V                                                                                                                                                                              |
| Terminal Connection Type                                                     | Rear flat Horizontal                                                                                                                                                                   |

## Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5902 |
| 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                      | 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

