



PRODUCT-DETAILS

E1.2B 800 Ekip G Hi-Touch LSIG 4p F F

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| General Information   |                                                                                                                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E1.2B 800 Ekip G Hi-Touch LSIG 4p F F                                                                                                                                                               |
| Product ID            | 1SDA071380R1                                                                                                                                                                                        |
| EAN                   | 8015644752309                                                                                                                                                                                       |
| Catalog Description   | E1.2B 800 Ekip G Hi-Touch LSIG 4p F F                                                                                                                                                               |
| Long Description      | C.BREAKER SACE EMAX2 E1.2B 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/G/HI-TOUCH-LSIG R 800 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 | ZABPEFBQ200A000000XX |
| EAN                      | 8015644752309        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 280 mm |
| Product Net Height         | 296 mm |
| Product Net Depth / Length | 183 mm |
| Product Net Weight         | 16 kg  |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 350 mm        |
| Package Level 1 Height         | 350 mm        |
| Package Level 1 Depth / Length | 330 mm        |
| Package Level 1 Gross Weight   | 18 kg         |
| Package Level 1 EAN            | 8015644752309 |

Additional Information

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| Current Type                  | AC                                                                            |
| Electrical Durability         | Ue =< 440 V 8000 cycle<br>Ue = 500 ... 690 V 8000 cycle<br>30 cycles per hour |
| Mechanical Durability         | 20000 cycle<br>60 cycles per hour                                             |
| Neutral Pole Current ([% Iu]) | 100 %                                                                         |
| Number of Poles               | 4                                                                             |
| Power Loss                    | 50 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> )                                               | 800 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) 42 kA<br>(230 V AC) 42 kA<br>(380 V AC) 42 kA<br>(400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(660 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )             | for 1 s 42 kA<br>for 3 s 24 kA                                                                                                                                                   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )             | (400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(525 V AC) 42 kA<br>(690 V AC) 42 kA                                                             |
| Rated Uninterrupted Current (I <sub>u</sub> )                                 | 800 A                                                                                                                                                                            |
| Release                                                                       | Ekip G Hi-Touch LSIG                                                                                                                                                             |
| Release Type                                                                  | EL                                                                                                                                                                               |
| Short-Circuit Performance Level                                               | B                                                                                                                                                                                |
| Standards                                                                     | IEC                                                                                                                                                                              |
| Sub-type                                                                      | E1.2                                                                                                                                                                             |
| Terminal Connection Type                                                      | Front                                                                                                                                                                            |
| Version                                                                       | F                                                                                                                                                                                |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5546 |
| Instructions and Manuals          | 1SDH000999R0002 |
| Instructions and 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                                                             |

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## Categories

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

