

PRODUCT-DETAILS

# E1.2B 800 Ekip Touch LI 3p F F

# E1.2B 800 Ekip Touch LI 3p F F



## General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | E1.2B 800 Ekip Touch LI 3p F F  |
| Product ID            | 1SDA070744R1  |
| EAN                   | 8015644745943   |
| Catalog Description   | E1.2B 800 Ekip Touch LI 3p F F  |
| Long Description      | C.BREAKER SACE EMAX2 E1.2B 800 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

## ABB EcoSolutions

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

## Circular Value

|   |   |
|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |
| 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  
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 Z1BPEFBD000A000000XX

EAN 8015644745943

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

## Dimensions

Product Net Width 210 mm

Product Net Height 296 mm

Product Net Depth /  
Length 183 mm

Product Net Weight 14 kg

## Container Information

Package Level 1 Units box 1 piece

Package Level 1 Width 270 mm

Package Level 1 Height 350 mm

Package Level 1 Depth /  
Length 330 mm

Package Level 1 Gross  
Weight 16 kg

Package Level 1 EAN 8015644745943

## Additional Information

Current Type AC

Electrical Durability Ue = < 440 V 8000 cycle  
Ue = 500 ... 690 V 8000 cycle  
30 cycles per hour

Mechanical Durability 20000 cycle  
60 cycles per hour

|   |  |
|---|--|
| Number of Poles   | 3  |
| 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 I <sub>cs</sub> (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  |
| Recommended Screw Driver  | Main Circuit M10   |
| Release   | Ekip Touch LI  |
| Release Type  | EL   |
| Short-Circuit Performance Level   | B  |
| Standards   | IEC  |
| Sub-type  | E1.2   |
| Terminal Connection Type  | Front  |
| Terminal Type   | Bolt   |
| Tightening Torque   | 45 N·m   |
| Version   | F  |
| CAD Dimensional Drawing   | 1SDH001252R0001  |

## Certificates and Declarations

|                                  |                         |
|----------------------------------|-------------------------|
| ATEX Certificate                 | No certification needed |
| CSA Certificate                  | No certification needed |
| CSA Certificate (Intrinsic Safe) | No certification needed |
| Data Sheet, Technical            | 1SDC200023D0209         |

Information

|                                   |                         |
|-----------------------------------|-------------------------|
| Declaration of Conformity - CE    | 9AKK106713A5546         |
| UL Certificate                    | No certification needed |
| VDE Certificate                   | No certification needed |
| Mechanical Drawings               | 1SDH000999R0101         |
| Wiring Diagram                    | 1SDM000091R0001         |
| 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   |

**Categories**

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

