



PRODUCT-DETAILS

# E4.2V-A 800 Ekip Touch LSI 3p F HR

## E4.2V-A 800 Ekip Touch LSI 3p F HR



| General Information   |                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E4.2V-A 800 Ekip Touch LSI 3p F HR                                                                                                                                                                            |
| Product ID            | 1SDA078032R1                                                                                                                                                                                                  |
| EAN                   | 8015644844554                                                                                                                                                                                                 |
| Catalog Description   | E4.2V-A 800 Ekip Touch LSI 3p F HR                                                                                                                                                                            |
| Long Description      | C.BREAKER SACE EMAX2 E4.2V-A 800 UL FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 800 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 - 79.3 % |
| Principles Recyclability Rate |                                                               |
| Conflict Minerals             | 9AKK108467A5658                                               |

|                                     |                                                     |                 |
|-------------------------------------|-----------------------------------------------------|-----------------|
| Reporting Template (CMRT)           |                                                     |                 |
| End of Life Instructions            |                                                     | 9AKK108468A2363 |
| 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 | 9AKK108468A1907 |
|-----------------------------------------|-----------------|

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 | Z4VCUFBE000A000000XX |
| EAN                      | 8015644844554        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 384 mm |
| Product Net Height         | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight         | 81 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   | 66 kg         |
| Package Level 1 EAN            | 8015644844554 |

Additional Information

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Current Type          | AC                                                         |
| Electrical Durability | Ue = < 508 V 10000 cycle<br>Ue = 508 ... 635 V 10000 cycle |

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
|                                            | 20 cycles per hour                          |
| Mechanical Durability                      | 20000 cycle                                 |
|                                            | 60 cycles per hour                          |
| Number of Poles                            | 3                                           |
| Power Loss                                 | at Rated Operating Conditions per Pole 44 W |
| Product Main Type                          | SACE Emax 2                                 |
| Product Name                               | Air Circuit Breaker                         |
| Product Type                               | Air Circuit Breaker                         |
| Rated Current (I <sub>n</sub> )            | 800 A                                       |
| Rated Voltage (U <sub>r</sub> )            | 600 V                                       |
| Rated Insulation Voltage (U <sub>i</sub> ) | AC 635 V                                    |
| Rated Operational Voltage                  | 600 V AC                                    |
| Release                                    | Ekip Touch LSI                              |
| Release Type                               | EL                                          |
| Short-Circuit Performance Level            | V                                           |
| Standards                                  | UL                                          |
| Sub-type                                   | E4.2                                        |
| Terminal Connection Type                   | Rear flat Horizontal                        |
| Version                                    | F                                           |

**Technical UL/CSA**

|                                    |                |
|------------------------------------|----------------|
| Interrupting Rating acc. to UL1066 | (254 V) 100 kA |
|                                    | (508 V) 100 kA |
|                                    | (635 V) 100 kA |

**Certificates and Declarations**

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SXU200040C0201 |
| Declaration of Conformity - CE    | 9AKK106713A5545 |
| Instructions and Manuals          | 1SDH001000R0002 |
| 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                                                 |
| 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

