



PRODUCT-DETAILS

E4.2V-A 2500 Ekip Touch LSI 4p F HR  
E4.2V-A 2500 Ekip Touch LSI 4p F HR



| General Information   |                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E4.2V-A 2500 Ekip Touch LSI 4p F HR                                                                                                                                                                                  |
| Product ID            | 1SDA078292R1                                                                                                                                                                                                         |
| EAN                   | 8015644847159                                                                                                                                                                                                        |
| Catalog Description   | E4.2V-A 2500 Ekip Touch LSI 4p F HR                                                                                                                                                                                  |
| Long Description      | C.BREAKER SACE EMAX2 E4.2V-A 2500 UL FIXED FOUR-POLE WITH TERMINALS<br>REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 2500<br>FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

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

| Circular Value                                    |                                                               |
|---------------------------------------------------|---------------------------------------------------------------|
| Circular Design Principles<br>Recyclability Rate  | Design for Closing Resource Loops - Standard EN45555 - 79.3 % |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108467A5658                                               |

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| 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 | ZCVGULBE000A000000XX |
| EAN                      | 8015644847159        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 510 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 | 785 mm        |
| Package Level 1 Gross Weight   | 81 kg         |
| Package Level 1 EAN            | 8015644847159 |

Additional Information

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| Current Type                  | AC                                                                            |
| Electrical Durability         | Ue =< 508 V 8000 cycle<br>Ue = 508 ... 635 V 8000 cycle<br>20 cycles per hour |
| Mechanical Durability         | 20000 cycle<br>60 cycles per hour                                             |
| Neutral Pole Current ([% Iu]) | 100 %                                                                         |
| Number of Poles               | 4                                                                             |
| Power Loss                    | at Rated Operating Conditions per Pole 310 W                                  |

|                                            |                      |
|--------------------------------------------|----------------------|
| Product Main Type                          | SACE Emax 2          |
| Product Name                               | Air Circuit Breaker  |
| Product Type                               | Air Circuit Breaker  |
| Rated Current (I <sub>n</sub> )            | 2500 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<br>(508 V) 100 kA<br>(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                      | 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

