



PRODUCT-DETAILS

# E4.2S-A 2500 Ekip Dip LSI 4p WMP

## E4.2S-A 2500 Ekip Dip LSI 4p WMP



| General Information   |                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E4.2S-A 2500 Ekip Dip LSI 4p WMP                                                                                                                                                         |
| Product ID            | 1SDA078689R1                                                                                                                                                                             |
| EAN                   | 8015644851125                                                                                                                                                                            |
| Catalog Description   | E4.2S-A 2500 Ekip Dip LSI 4p WMP                                                                                                                                                         |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E4.2S-A 2500 UL FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 2500 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 |
| SCIP                      | 5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT)                        |

Ordering

|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | ZCSGULAB000A000000XX |
| EAN                      | 8015644851125        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 551 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 393 mm |
| Product Net Weight         | 85 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   | 91 kg         |
| Package Level 1 EAN            | 8015644851125 |

Additional Information

|                       |                        |
|-----------------------|------------------------|
| Current Type          | AC                     |
| Electrical Durability | Ue =< 508 V 8000 cycle |

|                                               |                                                     |
|-----------------------------------------------|-----------------------------------------------------|
|                                               | Ue = 508 ... 635 V 8000 cycle<br>20 cycles per hour |
| Mechanical Durability                         | 20000 cycle<br>60 cycles per hour                   |
| Neutral Pole Current ([%<br>Iu])              | 100 %                                               |
| Number of Poles                               | 4                                                   |
| Power Loss                                    | at Rated Operating Conditions per Pole 410 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<br>(U <sub>i</sub> ) | AC 635 V                                            |
| Rated Operational<br>Voltage                  | 600 V AC                                            |
| Release                                       | Ekip Dip LSI                                        |
| Release Type                                  | EL                                                  |
| Short-Circuit<br>Performance Level            | S                                                   |
| Standards                                     | UL                                                  |
| Sub-type                                      | E4.2                                                |
| Version                                       | W                                                   |

### Technical UL/CSA

|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| Interrupting Rating acc.<br>to UL1066 | (254 V) 65 kA<br>(508 V) 65 kA<br>(635 V) 65 kA |
|---------------------------------------|-------------------------------------------------|

### Certificates and Declarations

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

### Classifications

|                                       |                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------|
| ETIM 7                                | EC000228 - Power circuit-breaker for trafo/generator/installation<br>protection |
| ETIM 8                                | EC000228 - Power circuit-breaker for trafo/generator/installation<br>protection |
| ETIM 9                                | EC000228 - Power circuit-breaker for trafo/generator/installation<br>protection |
| IDEA Granular Category<br>Code (IGCC) | 4926 >> Air circuit breakers                                                    |
| UNSPSC                                | 39121615                                                                        |
| WEEE Category                         | 4. Large Equipment (Any 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

