



PRODUCT-DETAILS

E2.2V-A 1600 Ekip Hi-Touch LSIG 4p WMP

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| General Information   |                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2.2V-A 1600 Ekip Hi-Touch LSIG 4p WMP                                                                                                                                                         |
| Product ID            | 1SDA077896R1                                                                                                                                                                                   |
| EAN                   | 8015644843199                                                                                                                                                                                  |
| Catalog Description   | E2.2V-A 1600 Ekip Hi-Touch LSIG 4p WMP                                                                                                                                                         |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E2.2V-A 1600 UL FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 1600 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 - 79.1 % |
| Conflict Minerals                             | 9AKK108467A5658                                               |

|                                     |                                                     |                 |
|-------------------------------------|-----------------------------------------------------|-----------------|
| Reporting Template (CMRT)           |                                                     |                 |
| End of Life Instructions            |                                                     | 9AKK108468A2361 |
| 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 | 9AKK108468A1906 |
|-----------------------------------------|-----------------|

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 | ZBVEUJAK200A000000XX |
| EAN                      | 8015644843199        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 407 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 393 mm |
| Product Net Weight         | 49 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   | 68 kg         |
| Package Level 1 EAN            | 8015644843199 |

Additional Information

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Current Type          | AC                                                         |
| Electrical Durability | Ue = < 508 V 12000 cycle<br>Ue = 508 ... 635 V 10000 cycle |

|                                               |                                              |
|-----------------------------------------------|----------------------------------------------|
|                                               | 30 cycles per hour                           |
| Mechanical Durability                         | 25000 cycle                                  |
|                                               | 60 cycles per hour                           |
| Neutral Pole Current ([%<br>I <sub>n</sub> ]) | 100 %                                        |
| Number of Poles                               | 4                                            |
| Power Loss                                    | at Rated Operating Conditions per Pole 233 W |
| Product Main Type                             | SACE Emax 2                                  |
| Product Name                                  | Air Circuit Breaker                          |
| Product Type                                  | Air Circuit Breaker                          |
| Rated Current (I <sub>n</sub> )               | 1600 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 Hi-Touch LSIG                           |
| Release Type                                  | EL                                           |
| Short-Circuit<br>Performance Level            | V                                            |
| Standards                                     | UL                                           |
| Sub-type                                      | E2.2                                         |
| Version                                       | W                                            |

### Technical UL/CSA

|                                       |                                                   |
|---------------------------------------|---------------------------------------------------|
| Interrupting Rating acc.<br>to UL1066 | (254 V) 100 kA<br>(508 V) 100 kA<br>(635 V) 85 kA |
|---------------------------------------|---------------------------------------------------|

### Certificates and Declarations

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 1SXU200040C0201 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5902 |
| Instructions and<br>Manuals          | 1SDH001000R0002 |
| Instructions and<br>Manuals (Part 2) | 1SDH001316R1002 |

### 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                         | 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

