



PRODUCT-DETAILS

# E4.2V 2500 Ekip G Touch LSIG 4p WMP

# E4.2V 2500 Ekip G Touch LSIG 4p WMP



## General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | E4.2V 2500 Ekip G Touch LSIG 4p WMP  |
| Product ID            | 1SDA073107R1   |
| EAN                   | 8015644769574  |
| Catalog Description   | E4.2V 2500 Ekip G Touch LSIG 4p WMP  |
| Long Description      | MOVING PART FOR C.BREAKER SACE EMAX2 E4.2V 2500 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/G/TOUCH-LSIG R 2500 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 % |
| End of Life Instructions                         | 9AKK108468A2363   |
| Group Waste to Landfill<br>Target                | UL 2799 Zero Waste To Landfill Validation available           |

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**Eco Transparency**


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|   |                                    |
|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1904<br>9AKK108468A1910 |
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**Environmental**


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|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

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**Material Compliance**


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|   |  |
|---|--|
| REACH Declaration                           | 9AKK108466A1425  |
| RoHS Information                            | 9AKK108466A1424  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326  |

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**Ordering**


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|                          |                      |
|--------------------------|----------------------|
| Order Code US and Canada | ZCVUELAN200A000000XX |
| EAN                      | 8015644769574        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

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**Dimensions**


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|                            |        |
|----------------------------|--------|
| Product Net Width          | 551 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 74 kg  |

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**Container Information**


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|                                |               |
|--------------------------------|---------------|
| 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            | 8015644769574 |

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**Additional Information**


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|                   |                     |
|-------------------|---------------------|
| Product Main Type | SACE Emax 2         |
| Product Name      | Air Circuit Breaker |
| Product Type      | Air Circuit Breaker |
| Version           | W                   |

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**Technical**


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|   |   |
|---|---|
| Current Type  | AC  |
| Electrical Durability   | U <sub>e</sub> =< 440 V 8000 cycle<br>U <sub>e</sub> = 500 ... 690 V 8000 cycle<br>20 cycles per hour   |
| Mechanical Durability   | 20000 cycle<br>60 cycles per hour   |
| Neutral Pole Current ([% I <sub>n</sub> ])  | 100 %   |
| Number of Poles   | 4   |
| Power Loss  | 743 W   |
| Rated Current (I <sub>n</sub> )   | 2500 A  |
| 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) 150 kA<br>(230 V AC) 150 kA<br>(380 V AC) 150 kA<br>(400 V AC) 150 kA<br>(415 V AC) 150 kA<br>(440 V AC) 150 kA<br>(500 V AC) 100 kA<br>(660 V AC) 100 kA<br>(690 V AC) 100 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 100 %   |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )                         | for 1 s 100 kA<br>for 3 s 75 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (400 V AC) 150 kA<br>(415 V AC) 150 kA<br>(440 V AC) 150 kA<br>(500 V AC) 100 kA<br>(525 V AC) 100 kA<br>(690 V AC) 100 kA  |
| Rated Uninterrupted Current (I <sub>u</sub> )   | 2500 A  |
| Rated Voltage (U <sub>r</sub> )   | 690 V   |
| Release   | Ekip G Touch LSIG   |
| Release Type  | EL  |
| Short-Circuit Performance Level   | V   |
| Standards   | IEC   |
| Sub-type  | E4.2  |

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**Certificates and Declarations**


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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE    | 9AKK106713A5545 |
| Instructions and Manuals          | 1SDH001000R0002 |
| Instructions and Manuals (Part 2) | 1SDH001316R1002 |

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**Classifications**


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|                        |  |
|------------------------|--|
| 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 | 4926 >> Air circuit breakers   |

|                            |   |
|----------------------------|---|
| Code (IGCC)                |   |
| Object Classification Code | Q   |
| 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

