



PRODUCT-DETAILS

E4.2H 4000 Ekip G Hi-Touch LSIG 3p WMP

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| General Information                         |                                                                                                                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type                       | E4.2H 4000 Ekip G Hi-Touch LSIG 3p WMP                                                                                                                                                       |
| Product ID                                  | 1SDA072570R1                                                                                                                                                                                 |
| EAN                                         | 8015644764203                                                                                                                                                                                |
| Catalog Description                         | E4.2H 4000 Ekip G Hi-Touch LSIG 3p WMP                                                                                                                                                       |
| Long Description                            | MOVING PART FOR C.BREAKER SACE EMAX2 E4.2H 4000 THREE-POLE WITH SOLID-STATE RELEASE IN AC EKIP/G/HI-TOUCH-LSIG R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |
| ABB EcoSolutions                            |                                                                                                                                                                                              |
| ABB EcoSolutions                            | Yes                                                                                                                                                                                          |
| Circular Value                              |                                                                                                                                                                                              |
| Circular Design Principles                  | Design for Closing Resource Loops - Standard EN45555 - 79.3 %                                                                                                                                |
| Recyclability Rate                          |                                                                                                                                                                                              |
| Conflict Minerals Reporting Template (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 | 9AKK108468A1904<br>9AKK108468A1910 |
|-----------------------------------------|------------------------------------|

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 | Z4HWERAQ200A000000XX |
| EAN                      | 8015644764203        |
| Minimum Order Quantity   | 1 piece              |
| Customs Tariff Number    | 85362090             |

Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 425 mm |
| Product Net Height         | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight         | 60 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   | 67 kg         |
| Package Level 1 EAN            | 8015644764203 |

Additional Information

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| Current Type          | AC                                                                            |
| Electrical Durability | Ue =< 440 V 5000 cycle<br>Ue = 500 ... 690 V 4000 cycle<br>20 cycles per hour |
| Mechanical Durability | 15000 cycle<br>60 cycles per hour                                             |
| Number of Poles       | 3                                                                             |
| Power Loss            | 900 W                                                                         |
| Product Main Type     | SACE Emax 2                                                                   |

|                                                                                           |                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                                                                              | Air Circuit Breaker                                                                                                                                                                    |
| Product Type                                                                              | Air Circuit Breaker                                                                                                                                                                    |
| Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> ) | 100 %                                                                                                                                                                                  |
| Rated Current (I <sub>n</sub> )                                                           | 4000 A                                                                                                                                                                                 |
| Rated Voltage (U <sub>r</sub> )                                                           | 690 V                                                                                                                                                                                  |
| 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) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 kA |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )                         | for 1 s 85 kA<br>for 3 s 75 kA                                                                                                                                                         |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )                         | (400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(525 V AC) 85 kA<br>(690 V AC) 85 kA                                                                |
| Rated Uninterrupted Current (I <sub>u</sub> )                                             | 4000 A                                                                                                                                                                                 |
| Release                                                                                   | Ekip G Hi-Touch LSIG                                                                                                                                                                   |
| Release Type                                                                              | EL                                                                                                                                                                                     |
| Short-Circuit Performance Level                                                           | H                                                                                                                                                                                      |
| Standards                                                                                 | IEC                                                                                                                                                                                    |
| Sub-type                                                                                  | E4.2                                                                                                                                                                                   |
| Version                                                                                   | W                                                                                                                                                                                      |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| 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                                                 |
| Object Classification Code         | Q                                                                            |
| 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

