



 PRODUCT-DETAILS

E1.2C 1600 Ekip Hi-Touch LSIG 3p WMP

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General Information

| | |
|-----------------------|--|
| Extended Product Type | E1.2C 1600 Ekip Hi-Touch LSIG 3p WMP |
| Product ID | 1SDA072229R1 |
| EAN | 8015644760793 |
| Catalog Description | E1.2C 1600 Ekip Hi-Touch LSIG 3p WMP |
| Long Description | MOVING PART FOR C.BREAKER SACE EMAX2 E1.2C 1600 THREE-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 |
| ABB Site Meeting Group Waste To Landfill Target | UL 2799 Zero Waste To Landfill Validation available |
| End Of Life Disassembling Instructions | 9AKK108468A2360 |
| Environmental Product Declaration - EPD | 9AKK108468A1900 9AKK108468A3028 |
| Recyclability Rate of the | Design for Closing Resource Loops - Standard EN45555 - 76.4 % |

Product acc. to EN45555

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 |

Environmental

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

Ordering

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|--------------------------|----------------------|
| Order Code US and Canada | Z1CSEJAK200A000000XX |
| EAN | 8015644760793 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 278 mm |
| Product Net Height | 363.5 mm |
| Product Net Depth / Length | 271 mm |
| Product Net Weight | 18 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 270 mm |
| Package Level 1 Height | 350 mm |
| Package Level 1 Depth / Length | 330 mm |
| Package Level 1 Gross Weight | 20 kg |
| Package Level 1 EAN | 8015644760793 |

Additional Information

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|-------------------------|---------------------|
| Product Main Type | SACE Emax 2 |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | W |
| CAD Dimensional Drawing | 1SDH001252R0024 |

Technical

| | |
|---|--|
| Current Type | AC |
| Electrical Durability | Ue = < 440 V 3000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour |
| Mechanical Durability | 20000 cycle 60 cycles per hour |
| Number of Poles | 3P |
| Power Loss | 400 W |
| Rated Current (I _n) | 1600 A |
| Rated Impulse Withstand Voltage (U _{imp}) | acc. to IEC 60947-2 12 kV |
| Rated Insulation Voltage (U _i) | AC 1000 V |
| Rated Operational Voltage | 690 V AC |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | (220 V AC) 50 kA (230 V AC) 50 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs}) | 100 % |
| Rated Short-time Withstand Current Low Voltage (I _{cw}) | for 1 s 42 kA for 3 s 24 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA |
| Rated Uninterrupted Current (I _u) | 1600 A |
| Rated Voltage (U _r) | 690 V |
| Release | Ekip Hi-Touch LSIG |
| Release Type | EL |
| Short-Circuit Performance Level | C |
| Standards | IEC |
| Sub-type | E1.2 |
| Suitable for IT Networks | Yes, 690V |

Certificates and Declarations

| | |
|-----------------------------------|-------------------------|
| ATEX Certificate | No certification needed |
| CSA Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of | 9AKK106713A5546 |

Conformity - CE

| | |
|-----------------------------------|-------------------------|
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Mechanical Drawings | 1SDH000999R0103 |
| Wiring Diagram | 1SDM000091R0001 |
| Instructions and Manuals | 1SDH000999R0002 |
| Instructions and Manuals (Part 2) | 1SDH001316R1002 |

External Classifications and Standards

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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 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 |

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

