



PRODUCT-DETAILS

E4.2H 3200 Ekip Touch LSI 4p F HR

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General Information

| | |
|-----------------------|---|
| Extended Product Type | E4.2H 3200 Ekip Touch LSI 4p F HR |
| Product ID | 1SDA071795R1 |
| EAN | 8015644756451 |
| Catalog Description | E4.2H 3200 Ekip Touch LSI 4p F HR |
| Long Description | C.BREAKER SACE EMAX2 E4.2H 3200 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSI R 3200 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

ABB EcoSolutions

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| ABB EcoSolutions | Yes |
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Circular Value

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|---|---|
| Circular Design Principles Recyclability Rate | Design for Closing Resource Loops - Standard EN45555 - 79.3 % |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |

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|-------------------------------------|---|
| 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

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| Environmental Product Declaration - EPD | 9AKK108468A1904 9AKK108468A1910 |
|---|------------------------------------|

Environmental

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|---------------------------|--|
| 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

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|--------------------------|----------------------|
| Order Code US and Canada | ZCHVENBE000A000000XX |
| EAN | 8015644756451 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 510 mm |
| Product Net Height | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight | 70 kg |

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 | 77 kg |
| Package Level 1 EAN | 8015644756451 |

Additional Information

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|-------------------------------|---|
| Current Type | AC |
| Electrical Durability | Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour |
| Mechanical Durability | 20000 cycle 60 cycles per hour |
| Neutral Pole Current ([% Iu]) | 100 % |
| Number of Poles | 4 |

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| Power Loss | 425 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 _{cu} (I _{cs}) | 100 % |
| Rated Current (I _n) | 3200 A |
| Rated Voltage (U _r) | 690 V |
| 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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA |
| Rated Short-time Withstand Current Low Voltage (I _{cw}) | for 1 s 85 kA for 3 s 66 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA |
| Rated Uninterrupted Current (I _u) | 3200 A |
| Recommended Screw Driver | Main Circuit M12 |
| Release | Ekip Touch LSI |
| Release Type | EL |
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | E4.2 |
| Terminal Connection Type | Rear flat Horizontal |
| Terminal Type | Bolt |
| Tightening Torque | 70 N·m |
| Version | F |
| CAD Dimensional Drawing | 1SDH001252R0197 |

Certificates and Declarations

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|-----------------------------------|-------------------------|
| ATEX Certificate | No certification needed |
| CSA Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE | 9AKK106713A5545 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Mechanical Drawings | 1SDH001001R0100 |
| Wiring Diagram | 1SDM000091R0001 |
| Instructions and Manuals | 1SDH001000R0002 |

Classifications

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|------------------------------------|--|
| 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 | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| eClass | V11.1 : 27370409 |

Categories

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

