PRODUCT-DETAILS

# E6.2H/f 6300 Ekip Touch LSIG 4p F HR

E6.2H/f 6300 Ekip Touch LSIG 4p F HR



## General Information

| | |
|---|---|
| Extended Product Type | E6.2H/f 6300 Ekip Touch LSIG 4p F HR |
| Product ID | 1SDA072016R1 |
| EAN | 8015644758660 |
| Catalog Description | E6.2H/f 6300 Ekip Touch LSIG 4p F HR |
| Long Description | C.BREAKER SACE EMAX2 E6.2H/f 6300 FIXED FOUR-POLE FULL SIZE NEUTRAL WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 6300 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

## ABB EcoSolutions

| | |
|---|---|
| ABB EcoSolutions | Yes |
| Environmental Product Declaration - EPD | 9AKK108468A1905<br>9AKK108468A1913 |

## Material Compliance

| | |
|---|---|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

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Subject to change without notice

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326 |
| SCIP | 5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT) |
| Simplified SCIP | 7f3be359-1216-4d35-b9d4-eab9cbb290fd Poland (PL)<br>cc5cb3c7-f20f-4e57-a699-41c96b5a1eef Norway (NO)<br>de6447a0-df24-4a20-8466-f5f11a930a19 Finland (FI)<br>de9a0119-6bd3-4d97-a5d3-1e74d280ccf7 Belgium (BE)<br>8ad28a13-de77-4592-95fd-897a501569c8 Germany (DE)<br>8b03cfe9-7657-4778-acb1-5e456af5c76a Denmark (DK)<br>08ff7a7d-f7c4-4a97-ab1f-2f60e52ccc4e Germany (DE)<br>18044daa-d0c0-4608-bafb-451bb9d8efe4 Croatia (HR)<br>5ede7a36-3b83-4497-b7e0-ef217691ad89 Czech Republic (CZ)<br>e5eed5bf-546a-4db4-a608-d4b83c43c056 Poland (PL)<br>bf55e5c1-47fb-4603-bc85-150f2bba6810 Netherlands (NL)<br>13fc1439-00ad-45bf-abdd-5ede1ce20a7d Hungary (HU)<br>7635dc57-155c-4b3b-8d16-637f7a9317ca Estonia (EE)<br>f49fce99-7561-4c32-880a-478431f7efd7 Greece (GR)<br>05702ea0-ab49-475f-8469-3cf48dabeb77 Portugal (PT)<br>8d8d3917-aca7-4875-98c5-244d35793f56 Bulgaria (BG)<br>64831dac-5718-413a-b2dd-c2a16236b94f Sweden (SE)<br>55ebef71-4502-4891-8767-e9a15ef09392 Poland (PL)<br>a940f727-3880-42c1-bdc0-d5e1d498ddaf France (FR)<br>560d9c18-bf6e-4a6e-b95a-82f0dcbd0d2c Sweden (SE)<br>f40ef067-0a7a-4928-831d-6affa0d2f0c7 Germany (DE)<br>6e3f01fd-be03-4be8-9d80-b02a9984a4e1 Germany (DE)<br>7e9377e0-b60f-471e-982f-360fb85b51c6 France (FR)<br>1c74a6dc-b960-484a-a4e4-4114d79c6a3d Hungary (HU)<br>1ac41cb5-8851-4d50-97e5-9a58e2df1d99 Spain (ES)<br>5b96a5ce-08d7-4ea3-9d9d-b2ed25c73f5d Belgium (BE)<br>a16503c8-c993-4d7a-9277-704db1bb451b Germany (DE) |

## Environmental

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

## Ordering

| | |
|---|---|
| Order Code US and Canada | ZEHYETBF000A000000XX |
| EAN | 8015644758660 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

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|---|---|
| Product Net Width | 1014 mm |
| Product Net Height | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight | 140 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 | 1257 mm |
| Package Level 1 Gross Weight | 151 kg |
| Package Level 1 EAN | 8015644758660 |

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## Additional Information

| | |
|---|---|
| Product Main Type | SACE Emax 2 |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | F |
| CAD Dimensional Drawing | 1SDH001252R0250 |

## Technical

| | |
|---|---|
| Current Type | AC |
| Electrical Durability | Ue =< 440 V 2000 cycle<br>Ue = 500 ... 690 V 2000 cycle<br>10 cycles per hour |
| Mechanical Durability | 12000 cycle<br>60 cycles per hour |
| Neutral Pole Current ([% Iu]) | 100 % |
| Number of Poles | 4 / f |
| Power Loss | 767 W |
| Rated Current ($I_n$) | 6300 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) 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) 100 kA<br>(660 V AC) 100 kA<br>(690 V AC) 100 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of Icu ($I_{cs}$) | 100 % |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 100 kA<br>for 3 s 100 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 100 kA<br>(525 V AC) 100 kA<br>(690 V AC) 100 kA |
| Rated Uninterrupted Current ($I_u$) | 6300 A |
| Rated Voltage ($U_r$) | 690 V |
| Recommended Screw Driver | Main Circuit M12 |
| Release | Ekip Touch LSIG |
| Release Type | EL |
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | E6.2 |
| Suitable for IT Networks | Yes, 690V |
| Terminal Connection Type | Rear flat Horizontal |
| Terminal Type | Bolt |
| Tightening Torque | 70 N·m |

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## 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 Conformity - CE | 9AKK106713A5544 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Mechanical Drawings | 1SDH001060R0102 |
| Wiring Diagram | 1SDM000091R0001 |
| Instructions and Manuals | 1SDH001000R0002 |
| Instructions and Manuals (Part 2) | 1SDH001316R1002 |

## Classifications

| | |
|---|---|
| ETIM 8 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q |
| 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



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