PRODUCT-DETAILS

# E1.2B 630 Ekip Touch LI 3p F F

## E1.2B 630 Ekip Touch LI 3p F F



### General Information

| | |
|---|---|
| Extended Product Type | E1.2B 630 Ekip Touch LI 3p F F |
| Product ID | 1SDA070704R1 |
| EAN | 8015644745547 |
| Catalog Description | E1.2B 630 Ekip Touch LI 3p F F |
| Long Description | C.BREAKER SACE EMAX2 E1.2B 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 630 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### ABB EcoSolutions

| | |
|---|---|
| ABB EcoSolutions | Yes |
| Environmental Product Declaration - EPD | 9AKK108468A1900<br>9AKK108468A3028 |

### Material Compliance

| | |
|---|---|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| 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 |
| SCIP | 601626e6-480d-452c-8776-01f0db252935 Italy (IT) |
| Simplified SCIP | 832f18d0-1fba-4eb3-be6c-59682ab95e4d Norway (NO)<br>a4343b94-70ad-4ae5-b722-19000237ccd1 Germany (DE)<br>18b51cba-2d10-4f65-8286-978120a6297b Portugal (PT)<br>e3da1539-932a-46fb-8c73-de2271800a7a France (FR)<br>81b07fde-65af-4266-ab09-e74b912ed2fb Hungary (HU)<br>29252c3e-9d8c-4944-8d34-37c0dae06563 Germany (DE)<br>73db6714-deb9-43b4-a478-03baa5c61cb6 Germany (DE)<br>3cd48567-b58b-4148-b5fd-8d1035aa194d Sweden (SE)<br>fd696c89-4dab-44fa-ba4b-38432f732d76 France (FR)<br>d11fb826-4297-487f-a5db-9e611ca5b9c3 Sweden (SE)<br>340e19ec-75ba-4028-895e-c3164373201b Poland (PL)<br>efc249bd-bb92-4839-a9de-8b83d06fc914 Netherlands (NL)<br>a6197439-30e0-4ca5-a3e4-cb33f84fd133 Estonia (EE)<br>fc9b05fb-6821-4848-bf3a-eebbfa03f1ca Spain (ES)<br>09b998c8-e47c-4abc-8b0b-b130221fd215 Greece (GR)<br>0dea2a73-5c61-4723-8dfe-3694f7cdce94 Poland (PL)<br>f1997a8e-cd85-4855-9d0e-0a71f5e2c302 Poland (PL)<br>91578a17-3e1f-44f8-b335-49e1c2a4ad1a Belgium (BE)<br>5c17a620-b438-421d-a906-0ae296f34ad0 Belgium (BE)<br>f57b0fc8-6bbb-4ebb-9abd-809302decafc Denmark (DK)<br>d8ebc23a-011a-46ec-978d-6f228a158959 Germany (DE)<br>282a8bd6-b653-405b-bd74-a5789e4249b7 Croatia (HR)<br>6b42c31e-8d03-4c29-841b-30190ee82ec1 Germany (DE)<br>940233b4-98ea-41e3-80d4-a18c53643979 Finland (FI)<br>aa72dbb1-c94c-4c04-aeed-193c92b0fa37 Bulgaria (BG)<br>ccebc99c-ca94-4cec-8878-7ddb0238fec4 Czech Republic (CZ)<br>8d82e921-a57a-4534-8875-f41123c40105 Hungary (HU) |

## Environmental

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

## Ordering

| | |
|---|---|
| Order Code US and Canada | Z1BNEEBD000A000000XX |
| EAN | 8015644745547 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

| | |
|---|---|
| Product Net Width | 210 mm |
| Product Net Height | 296 mm |
| Product Net Depth / Length | 183 mm |
| Product Net Weight | 14 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| Package Level 1 Width | 270 mm |
| Package Level 1 Height | 350 mm |
| Package Level 1 Depth / Length | 330 mm |
| Package Level 1 Gross Weight | 16 kg |
| Package Level 1 EAN | 8015644745547 |

## Additional Information

| | |
|---|---|
| Product Main Type | SACE Emax 2 |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | F |
| CAD Dimensional Drawing | 1SDH001252R0001 |

## Technical

| | |
|---|---|
| Current Type | AC |
| Electrical Durability | Ue =< 440 V 8000 cycle<br>Ue = 500 ... 690 V 8000 cycle<br>30 cycles per hour |
| Mechanical Durability | 20000 cycle<br>60 cycles per hour |
| Number of Poles | 3P |
| Power Loss | 31 W |
| Rated Current ($I_n$) | 630 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) 42 kA<br>(230 V AC) 42 kA<br>(380 V AC) 42 kA<br>(400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(660 V AC) 42 kA<br>(690 V AC) 42 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 42 kA<br>for 3 s 24 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(525 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Uninterrupted Current ($I_u$) | 630 A |
| Rated Voltage ($U_r$) | 690 V |
| Recommended Screw | Main Circuit M10 |

© 2024 ABB. All rights reserved.

| Driver | |
|---|---|
| Release | Ekip Touch LI |
| Release Type | EL |
| Short-Circuit Performance Level | B |
| Standards | IEC |
| Sub-type | E1.2 |
| Suitable for IT Networks | Yes, 690V |
| Terminal Connection Type | Front |
| Terminal Type | Bolt |
| Tightening Torque | 45 N·m |

## 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 | 9AKK106713A5546 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Mechanical Drawings | 1SDH000999R0101 |
| Wiring Diagram | 1SDM000091R0001 |
| Instructions and Manuals | 1SDH000999R0002 |
| 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 |
| 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 |

© 2024 ABB. All rights reserved.

## Categories

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





© 2024 ABB. All rights reserved.