PRODUCT-DETAILS

# E4.2H 4000 Ekip Dip LI 3p F HR

## E4.2H 4000 Ekip Dip LI 3p F HR

### General Information

| | |
|---|---|
| Extended Product Type | E4.2H 4000 Ekip Dip LI 3p F HR |
| Product ID | 1SDA071211R1 |
| EAN | 8015644750619 |
| Catalog Description | E4.2H 4000 Ekip Dip LI 3p F HR |
| Long Description | C.BREAKER SACE EMAX2 E4.2H 4000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### Ordering

| | |
|---|---|
| Order Code US and Canada | Z4HWERBA000A000000XX |
| EAN | 8015644750619 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

### Dimensions

| | |
|---|---|
| Product Net Width | 384 mm |
| Product Net Height | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight | 56 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | 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 | 63 kg |
| Package Level 1 EAN | 8015644750619 |

## Environmental

| | |
|---|---|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## 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 | 465 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 Icu ($I_{cs}$) | 100 % |
| Rated Current ($I_n$) | 4000 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<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 ($I_{cw}$) | for 1 s 85 kA<br>for 3 s 75 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) 85 kA<br>(525 V AC) 85 kA<br>(690 V AC) 85 kA |
| Rated Uninterrupted Current ($I_u$) | 4000 A |
| Release | Ekip Dip LI |
| Release Type | EL |

| | |
|---|---|
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | E4.2 |
| Terminal Connection Type | Rear flat Horizontal |
| Version | F |
| CAD Dimensional Drawing | 1SDH001252R0171 |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE | 9AKK106713A5545 |
| Environmental Information | 9AKK10103A1038 |
| Instructions and Manuals | 1SDH001000R0002 |
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| Mechanical Drawings | 1SDH001001R0100 |
| Wiring Diagram | 1SDM000091R0001 |

## Classifications

| | |
|---|---|
| ETIM 4 | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 5 | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 6 | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 7 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 8 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q |
| 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