PRODUCT-DETAILS

# E1B1600PR122/P-LSIGIn=1600A3pFHR

## E1B 1600 PR122/P-LSIG In=1600A 3p F HR



### General Information

| | |
|---|---|
| Extended Product Type | E1B1600PR122/P-LSIGIn=1600A3pFHR |
| Product ID | 1SDA055669R1 |
| EAN | 8015644570095 |
| Catalog Description | E1B 1600 PR122/P-LSIG In=1600A 3p F HR |
| Long Description | SACE EMAX CIRCUIT-BREAKER E1B 1600A THRE-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR122/P-LSIG R1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### Circular Value

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | Document availability on demand |

### Environmental

| | |
|---|---|
| Environmental Information | 9AKK10103A6076 |

© 2024 ABB. All rights reserved.

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

## Ordering

| | |
|---|---|
| EAN | 8015644570095 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

| | |
|---|---|
| Product Net Width | 296 mm |
| Product Net Height | 418 mm |
| Product Net Depth / Length | 302 mm |
| Product Net Weight | 40 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 515 mm |
| Package Level 1 Height | 600 mm |
| Package Level 1 Depth / Length | 515 mm |
| Package Level 1 Gross Weight | 50 kg |
| Package Level 1 EAN | 8015644570095 |

## Additional Information

| | |
|---|---|
| Current Type | AC |
| Electrical Durability | Ue =< 440 V 10000 cycle<br>Ue = 500 ... 690 V 8000 cycle<br>30 cycles per hour |
| Mechanical Durability | 25000 cycle<br>60 cycles per hour |
| Number of Poles | 3 |
| Power Loss | 253 W |
| Product Main Type | SACE Emax |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Rated Current ($I_n$) | 1600 A |
| Rated Voltage ($U_r$) | 690 V |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 12 kV |
| Rated Insulation Voltage ($U_i$) | 1000 V |
| Rated Operational Current ($I_e$) | 1600 A |
| Rated Operational Voltage | 690 V AC |
| Rated Service Short-Circuit Breaking | (220 V AC) 42 kA<br>(230 V AC) 42 kA |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| Capacity ($I_{cs}$) | (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>(380 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 42 kA<br>for 3 s 36 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (220 V AC) 42 kA<br>(230 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>(380 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Uninterrupted Current ($I_u$) | 1600 A |
| Release | PR122/P-LSIG |
| Release Type | EL |
| Short-Circuit Performance Level | B |
| Standards | IEC |
| Sub-type | E1 |
| Terminal Connection Type | Fixed Circuit-Breakers<br>Rear flat Horizontal |
| Version | F |

## Certificates and Declarations

| | |
|---|---|
| Data Sheet, Technical Information | 1SDC200006D0209 |
| Declaration of Conformity - CE | 1SDL000165R0013 |
| Instructions and Manuals | 1SDH000460R0002<br>1SDH000460R0102 |

## Classifications

| | |
|---|---|
| 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 |
| UNSPSC | 39120000 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

© 2024 ABB. All rights reserved.

## Categories

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



© 2024 ABB. All rights reserved.