PRODUCT-DETAILS

# E4S2500PR122/DCIn=2500A3pFVR<HR

## E4S 2500 PR122/DC In=2500A 3p F VR<HR



### General Information

| | |
|---|---|
| Extended Product Type | E4S2500PR122/DCIn=2500A3pFVR<HR |
| Product ID | 1SDA064638R1 |
| EAN | 8015644675318 |
| Catalog Description | E4S 2500 PR122/DC In=2500A 3p F VR<HR |
| Long Description | SACE EMAX CIRCUIT-BREAKER E4S 2500A THRE-POLE FIXED WITH TERMINALS REAR VERTICAL OVERCURRENT RELEASE PR122/DC R2500 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### Circular Value

| | |
|---|---|
| Conflict Minerals Reporting Template (CMRT) | Document availability on demand |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326 |

### Environmental

© 2024 ABB. All rights reserved.

| | |
|---|---|
| Environmental Information | 9AKK10103A6076 |
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Ordering

| | |
|---|---|
| EAN | 8015644675318 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

| | |
|---|---|
| Product Net Width | 566 mm |
| Product Net Height | 418 mm |
| Product Net Depth / Length | 302 mm |
| Product Net Weight | 81 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 515 mm |
| Package Level 1 Height | 600 mm |
| Package Level 1 Depth / Length | 785 mm |
| Package Level 1 EAN | 8015644609139 |

## Additional Information

| | |
|---|---|
| Current Type | DC |
| Electrical Durability | Ue = 1000 V 7000 cycle |
| Mechanical Durability | 15000 cycle<br>60 cycles per hour |
| Number of Poles | 3 |
| Power Loss | 188 W |
| Product Main Type | SACE Emax |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Rated Current ($I_n$) | 2500 A |
| Rated Voltage ($U_r$) | 750 V |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 12 kV |
| Rated Insulation Voltage ($U_i$) | 1000 V |
| Rated Operational Current ($I_e$) | 2500 A |
| Rated Operational Voltage | 750 V DC |
| Rated Service Short-Circuit Breaking Capacity ($I_{cs}$) | (500 V DC) 75 kA<br>(750 V DC) 65 kA |

© 2024 ABB. All rights reserved.

| | |
|---|---|
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (500 V DC) 75 kA<br>(750 V DC) 65 kA |
| Rated Uninterrupted Current ($I_u$) | 2500 A |
| Release | PR122/DC |
| Release Type | EL |
| Short-Circuit Performance Level | S |
| Standards | IEC |
| Sub-type | E4 |
| Terminal Connection Type | Fixed Circuit-Breakers<br>Rear flat Orientated |
| Version | F |

## Certificates and Declarations

| | |
|---|---|
| Data Sheet, Technical Information | 1SDC200012D0202 |
| Declaration of Conformity - CE | 1SDL000165R0016 |
| Instructions and Manuals | 1SDH000635R0002 |

## Classifications

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

© 2024 ABB. All rights reserved.



© 2024 ABB. All rights reserved.