



 PRODUCT-DETAILS

E3H800PR121/P-LSIGIn=800A4pFHR

E3H 800 PR121/P-LSIG In=800A 4p F HR



General Information

| | |
|-----------------------|--|
| Extended Product Type | E3H800PR121/P-LSIGIn=800A4pFHR |
| Product ID | 1SDA056346R1 |
| EAN | 8015644576868 |
| Catalog Description | E3H 800 PR121/P-LSIG In=800A 4p F HR |
| Long Description | SACE EMAX CIRCUIT-BREAKER E3H 800A FOUR-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSIG R800 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 |
|---------------------------|----------------|

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

Ordering

| | |
|------------------------|---------------|
| EAN | 8015644576868 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

| | |
|----------------------------|--------|
| Product Net Width | 530 mm |
| Product Net Height | 418 mm |
| Product Net Depth / Length | 302 mm |
| Product Net Weight | 76 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 | 785 mm |
| Package Level 1 Gross Weight | 90 kg |
| Package Level 1 EAN | 8015644576868 |

Additional Information

| | |
|---|---|
| Current Type | AC |
| Electrical Durability | U _e =< 440 V 12000 cycle U _e = 500 ... 690 V 12000 cycle 20 cycles per hour |
| Mechanical Durability | 20000 cycle 60 cycles per hour |
| Number of Poles | 4 |
| Power Loss | 22 W |
| Product Main Type | SACE Emax |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Rated Current (I _n) | 800 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) | 800 A |
| Rated Operational Voltage | 690 V AC |
| Rated Service Short-Circuit Breaking | (220 V AC) 85 kA (230 V AC) 85 kA |

| | |
|--|---|
| Capacity (I _{cs}) | (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA |
| Rated Short-time Withstand Current Low Voltage (I _{cw}) | for 1 s 75 kA for 3 s 65 kA |
| Rated Ultimate Short- Circuit Breaking Capacity (I _{cu}) | (220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (660 V AC) 85 kA (690 V AC) 85 kA |
| Rated Uninterrupted Current (I _u) | 800 A |
| Release | PR121/P-LSIG |
| Release Type | EL |
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | E3 |
| Terminal Connection Type | Fixed Circuit-Breakers Rear flat Horizontal |
| Version | F |

Certificates and Declarations

| | |
|--------------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200006D0209 |
| Declaration of Conformity - CE | 1SDL000165R0015 |
| Instructions and Manuals | 1SDH000460R0002 |

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 | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

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

