



 PRODUCT-DETAILS

E1B1600PR121/P-LSIn=1600A3pFHR

E1B 1600 PR121/P-LSI In=1600A 3p F HR



General Information

| | |
|-----------------------|---|
| Extended Product Type | E1B1600PR121/P-LSIn=1600A3pFHR |
| Product ID | 1SDA055665R1 |
| EAN | 8015644570057 |
| Catalog Description | E1B 1600 PR121/P-LSI In=1600A 3p F HR |
| Long Description | SACE EMAX CIRCUIT-BREAKER E1B 1600A THRE-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSI R1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

Material Compliance

| | |
|---|--|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | Document availability on demand |

Environmental

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

Ordering

| | |
|------------------------|---------------|
| EAN | 8015644570057 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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

Container Information

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|--------------------------------|---------------|
| 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 | 8015644570057 |

Additional Information

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|-------------------|---------------------|
| Product Main Type | SACE Emax |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | E |

Technical

| | |
|--|--|
| Current Type | AC |
| Electrical Durability | U _e =< 440 V 10000 cycle U _e = 500 ... 690 V 8000 cycle 30 cycles per hour |
| Mechanical Durability | 25000 cycle 60 cycles per hour |
| Number of Poles | 3P |
| Power Loss | 253 W |
| Rated Current (I _n) | 1600 A |
| 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 Capacity (I _{cs}) | (220 V AC) 42 kA (230 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (660 V AC) 42 kA |

| | |
|--|--|
| | (380 V AC) 42 kA (690 V AC) 42 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 42 kA for 3 s 36 kA |
| Rated Ultimate Short- Circuit Breaking Capacity (I_{cu}) | (220 V AC) 42 kA (230 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (660 V AC) 42 kA (380 V AC) 42 kA (690 V AC) 42 kA |
| Rated Uninterrupted Current (I_u) | 1600 A |
| Rated Voltage (U_r) | 690 V |
| Release | PR121/P-LSI |
| Release Type | EL |
| Short-Circuit Performance Level | B |
| Standards | IEC |
| Sub-type | E1 |
| Terminal Connection Type | Fixed Circuit-Breakers Rear flat Horizontal |

Certificates and Declarations

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

External Classifications and Standards

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|----------------------------|--|
| 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) |

Categories

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

