



PRODUCT-DETAILS

E3S1000PR121/P-LSIIn=1000A3pFHR  
E3S 1000 PR121/P-LSI In=1000A 3p F HR



| General Information   |                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E3S1000PR121/P-LSIIn=1000A3pFHR                                                                                                                                                                 |
| Product ID            | 1SDA059389R1                                                                                                                                                                                    |
| EAN                   | 8015644617509                                                                                                                                                                                   |
| Catalog Description   | E3S 1000 PR121/P-LSI In=1000A 3p F HR                                                                                                                                                           |
| Long Description      | SACE EMAX CIRCUIT-BREAKER E3S 1000A THRE-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSI R1000 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                    | 8015644617509 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 404 mm |
| Product Net Height         | 418 mm |
| Product Net Depth / Length | 302 mm |
| Product Net Weight         | 60 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 | 615 mm        |
| Package Level 1 Gross Weight   | 72 kg         |
| Package Level 1 EAN            | 8015644609139 |

## Additional Information

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

## Technical

|                                                     |                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------|
| Current Type                                        | AC                                                                               |
| Electrical Durability                               | Ue = < 440 V 12000 cycle<br>Ue = 500 ... 690 V 12000 cycle<br>20 cycles per hour |
| Mechanical Durability                               | 20000 cycle<br>60 cycles per hour                                                |
| Number of Poles                                     | 3P                                                                               |
| Power Loss                                          | 38.4 W                                                                           |
| Rated Current (I <sub>n</sub> )                     | 1000 A                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 12 kV                                                                            |
| Rated Insulation Voltage (U <sub>i</sub> )          | 1000 V                                                                           |
| Rated Operational                                   | 1000 A                                                                           |

|                                                                   |                                                                                                                                                                                  |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current (I <sub>e</sub> )                                         |                                                                                                                                                                                  |
| Rated Operational Voltage                                         | 690 V AC                                                                                                                                                                         |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )  | (220 V AC) 75 kA<br>(230 V AC) 75 kA<br>(380 V AC) 75 kA<br>(400 V AC) 75 kA<br>(415 V AC) 75 kA<br>(440 V AC) 75 kA<br>(500 V AC) 75 kA<br>(660 V AC) 75 kA<br>(690 V AC) 75 kA |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 1 s 75 kA<br>for 3 s 65 kA                                                                                                                                                   |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (220 V AC) 75 kA<br>(230 V AC) 75 kA<br>(380 V AC) 75 kA<br>(400 V AC) 75 kA<br>(415 V AC) 75 kA<br>(440 V AC) 75 kA<br>(500 V AC) 75 kA<br>(660 V AC) 75 kA<br>(690 V AC) 75 kA |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 1000 A                                                                                                                                                                           |
| Rated Voltage (U <sub>r</sub> )                                   | 690 V                                                                                                                                                                            |
| Release                                                           | PR121/P-LSI                                                                                                                                                                      |
| Release Type                                                      | EL                                                                                                                                                                               |
| Short-Circuit Performance Level                                   | S                                                                                                                                                                                |
| Standards                                                         | IEC                                                                                                                                                                              |
| Sub-type                                                          | E3                                                                                                                                                                               |
| Terminal Connection Type                                          | Fixed Circuit-Breakers<br>Rear flat Horizontal                                                                                                                                   |

Certificates and Declarations

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

External Classifications and Standards

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

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## Categories

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

