



PRODUCT-DETAILS

E6H/f6300PR121/P-LSIGIn=6300A4pFHR

E6H/f 6300 PR121/P-LSIG In=6300A 4p F HR



| General Information   |                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E6H/f6300PR121/P-LSIGIn=6300A4pFHR                                                                                                                                                                                   |
| Product ID            | 1SDA055586R1                                                                                                                                                                                                         |
| EAN                   | 8015644569266                                                                                                                                                                                                        |
| Catalog Description   | E6H/f 6300 PR121/P-LSIG In=6300A 4p F HR                                                                                                                                                                             |
| Long Description      | SACE EMAX CIRCUIT-BREAKER E6H 6300A/F FULL SIZE NEUTRAL FOUR-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSIG R6300 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                    | 8015644569266 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 1034 mm |
| Product Net Height         | 418 mm  |
| Product Net Depth / Length | 302 mm  |
| Product Net Weight         | 135 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 | 1257 mm       |
| Package Level 1 Gross Weight   | 161 kg        |
| Package Level 1 EAN            | 8015644569266 |

### Additional Information

|                                                     |                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------|
| Current Type                                        | AC                                                                            |
| Electrical Durability                               | Ue =< 440 V 2000 cycle<br>Ue = 500 ... 690 V 1500 cycle<br>10 cycles per hour |
| Mechanical Durability                               | 12000 cycle<br>60 cycles per hour                                             |
| Number of Poles                                     | 4 / f                                                                         |
| Power Loss                                          | 650 W                                                                         |
| Product Main Type                                   | SACE Emax                                                                     |
| Product Name                                        | Air Circuit Breaker                                                           |
| Product Type                                        | Air Circuit Breaker                                                           |
| Rated Current (I <sub>n</sub> )                     | 6300 A                                                                        |
| Rated Voltage (U <sub>r</sub> )                     | 690 V                                                                         |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 12 kV                                                                         |
| Rated Insulation Voltage (U <sub>i</sub> )          | 1000 V                                                                        |
| Rated Operational Current (I <sub>e</sub> )         | 6300 A                                                                        |
| Rated Operational Voltage                           | 690 V AC                                                                      |
| Rated Service Short-Circuit Breaking                | (220 V AC) 100 kA<br>(230 V AC) 100 kA                                        |

|                                                                          |                                                                                                                                                                                           |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity (I <sub>cs</sub> )                                              | (380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 100 kA<br>(660 V AC) 100 kA<br>(690 V AC) 100 kA                                           |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> )  | for 1 s 100 kA<br>for 3 s 85 kA                                                                                                                                                           |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (I <sub>cu</sub> ) | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 100 kA<br>(660 V AC) 100 kA<br>(690 V AC) 100 kA |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                         | 6300 A                                                                                                                                                                                    |
| Release                                                                  | PR121/P-LSIG                                                                                                                                                                              |
| Release Type                                                             | EL                                                                                                                                                                                        |
| Short-Circuit<br>Performance Level                                       | H                                                                                                                                                                                         |
| Standards                                                                | IEC                                                                                                                                                                                       |
| Sub-type                                                                 | E6                                                                                                                                                                                        |
| Terminal Connection<br>Type                                              | Fixed Circuit-Breakers<br>Rear flat Horizontal                                                                                                                                            |
| Version                                                                  | F                                                                                                                                                                                         |

Certificates and Declarations

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 1SDC200006D0209 |
| Declaration of<br>Conformity - CE    | 1SDL000165R0017 |
| Instructions and<br>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<br>Code | Q                                                                            |
| WEEE Category                 | 4. Large Equipment (Any 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

