



PRODUCT-DETAILS

E6H/f5000PR121/P-LSIIn=5000A4pFHR  
E6H/f 5000 PR121/P-LSI In=5000A 4p F HR



| General Information   |                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E6H/f5000PR121/P-LSIIn=5000A4pFHR                                                                                                                                                                                             |
| Product ID            | 1SDA055569R1                                                                                                                                                                                                                  |
| EAN                   | 8015644569099                                                                                                                                                                                                                 |
| Catalog Description   | E6H/f 5000 PR121/P-LSI In=5000A 4p F HR                                                                                                                                                                                       |
| Long Description      | SACE EMAX CIRCUIT-BREAKER E6H 5000A/F FULL SIZE NEUTRAL FOUR-POLE<br>FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR121/P-LSI<br>R5000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-<br>CLOSED |

| Circular Value                                    |                                 |
|---------------------------------------------------|---------------------------------|
| Conflict Minerals<br>Reporting Template<br>(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                    | 8015644569099 |
| 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            | 8015644569099 |

Additional Information

|                                                                  |                                                                                                                                                                                           |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Type                                                     | AC                                                                                                                                                                                        |
| Electrical Durability                                            | Ue =< 440 V 3000 cycle<br>Ue = 500 ... 690 V 2000 cycle<br>10 cycles per hour                                                                                                             |
| Mechanical Durability                                            | 12000 cycle<br>60 cycles per hour                                                                                                                                                         |
| Number of Poles                                                  | 4 / f                                                                                                                                                                                     |
| Power Loss                                                       | 415 W                                                                                                                                                                                     |
| Product Main Type                                                | SACE Emax                                                                                                                                                                                 |
| Product Name                                                     | Air Circuit Breaker                                                                                                                                                                       |
| Product Type                                                     | Air Circuit Breaker                                                                                                                                                                       |
| Rated Current (I <sub>n</sub> )                                  | 5000 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> )                      | 5000 A                                                                                                                                                                                    |
| Rated Operational Voltage                                        | 690 V AC                                                                                                                                                                                  |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</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 Short-time Withstand Current Low                           | for 1 s 100 kA<br>for 3 s 85 kA                                                                                                                                                           |

|                                                                   |                                                                                                                                                                                           |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage (I <sub>cw</sub> )                                        |                                                                                                                                                                                           |
| Rated Ultimate Short-Circuit Breaking 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 Current (I <sub>u</sub> )                     | 5000 A                                                                                                                                                                                    |
| Release                                                           | PR121/P-LSI                                                                                                                                                                               |
| Release Type                                                      | EL                                                                                                                                                                                        |
| Short-Circuit Performance Level                                   | H                                                                                                                                                                                         |
| Standards                                                         | IEC                                                                                                                                                                                       |
| Sub-type                                                          | E6                                                                                                                                                                                        |
| Terminal Connection Type                                          | Fixed Circuit-Breakers<br>Rear flat Horizontal                                                                                                                                            |
| Version                                                           | F                                                                                                                                                                                         |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200006D0209 |
| Declaration of Conformity - CE    | 1SDL000165R0017 |
| 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                                                                            |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm)                  |

Categories

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

