



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

|                        |  |
|------------------------|--|
| Extended Product Type: | E1B 800 PR121/P-LSIG In=800A 4p F HR   |
| Product ID:            | 1SDA055610R1   |
| EAN:                   | 8015644569501  |
| Catalog Description:   | E1B 800 PR121/P-LSIG In=800A 4p F HR   |
| Long Description:      | SACE EMAX CIRCUIT-BREAKER E1B 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 |

## Categories

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

## Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 8015644569501 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85362090      |

## Dimensions

|                     |        |
|---------------------|--------|
| Product Net Width:  | 386 mm |
| Product Net Height: | 418 mm |
| Product Net Depth:  | 302 mm |
| Product Net Weight: | 50 kg  |

## Container Information

|                               |               |
|-------------------------------|---------------|
| Package Level 1 Units:        | 1 piece       |
| Package Level 1 Width:        | 515 mm        |
| Package Level 1 Height:       | 600 mm        |
| Package Level 1 Length:       | 615 mm        |
| Package Level 1 Gross Weight: | 62 kg         |
| Package Level 1 EAN:          | 8015644569501 |

## Additional Information

|  |  |
|--|--|
| Electrical Durability:                                       | 10000 cycle<br>30 cycles per hour  |
| Mechanical Durability:                                       | 25000 cycle<br>60 cycles per hour  |
| Number of Poles:   | 4  |
| Power Loss:  | at Rated Operating Conditions per Pole 65 W  |
| Product Main Type:   | SACE Emax  |
| Product Name:  | Automatic Circuit Breaker  |
| Product Type:  | CB   |
| Rated Current ( $I_n$ ):                                     | 800 A  |
| 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 Capacity ( $I_{cs}$ ):  | (220 V AC) 42 kA<br>(230 V AC) 42 kA<br>(400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(660 V AC) 42 kA<br>(380 V AC) 42 kA<br>(690 V AC) 42 kA |
| Rated Short-time Withstand Current ( $I_{cw}$ ):             | for 1 s 42 kA<br>for 3 s 36 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ): | (220 V AC) 42 kA<br>(230 V AC) 42 kA<br>(380 V AC) 42 kA<br>(400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 36 kA   |

(525 V AC) 36 kA  
(660 V AC) 36 kA  
(690 V AC) 36 kA

|  |  |
|--|--|
| <b>Rated Uninterrupted Current (<math>I_u</math>):</b> | 800 A  |
| <b>Rated Voltage (<math>U_r</math>):</b>               | 690 V  |
| <b>Release Type:</b>                                   | EL   |
| <b>Standards:</b>                                      | IEC 60947                                      |
| <b>Sub-type:</b>                                       | E1   |
| <b>Terminal Connection Type:</b>                       | Fixed Circuit-Breakers<br>Rear flat Horizontal |
| <b>Version:</b>  | F  |

### Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SDC200006D0209 |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0013 |

### Classifications

|                                    |   |
|------------------------------------|---|
| <b>ETIM 4:</b>                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>ETIM 5:</b>                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>Object Classification Code:</b> | Q   |
| <b>UNSPSC:</b>                     | 39120000  |





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| <b>Product</b>                       | <b>Code</b>  | <b>Reference</b> | <b>Product link</b>        |
|--------------------------------------|--------------|------------------|----------------------------|
| E1B 800 PR121/P-LSIG In=800A 4p F HR | 1SDA055610R1 | E1B800           | <a href="#">Buy on EAN</a> |