

# E3H1600PR122/P-LI In=1600A4pFHR



E3H 1600 PR122/P-LI In=1600A 4p F HR

## General Information

|                       |                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E3H1600PR122/P-LI In=1600A4pFHR                                                                                                                                                                |
| Product ID            | 1SDA056411R1                                                                                                                                                                                   |
| EAN                   | 8015644577513                                                                                                                                                                                  |
| Catalog Description   | E3H 1600 PR122/P-LI In=1600A 4p F HR                                                                                                                                                           |
| Long Description      | SACE EMAX CIRCUIT-BREAKER E3H 1600A FOUR-POLE FIXED WITH TERMINALS REAR HORIZONTAL OVERCURRENT RELEASE PR122/P-LI R1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644577513 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 530 mm |
| Product Net Height         | 418 mm |
| Product Net Depth / Length | 302 mm |
| Product Net Weight         | 76 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 | 785 mm        |
| Package Level 1 Gross Weight   | 90 kg         |
| Package Level 1 EAN            | 8015644577513 |

## Additional Information

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Current Type          | AC                                                                              |
| Electrical Durability | Ue =< 440 V 10000 cycle<br>Ue = 500 ... 690 V 10000 cycle<br>20 cycles per hour |
| Mechanical Durability | 20000 cycle                                                                     |

|                                                             |                                                                                                                                                                                         |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             | 60 cycles per hour                                                                                                                                                                      |
| Number of Poles                                             | 4                                                                                                                                                                                       |
| Power Loss                                                  | 85 W                                                                                                                                                                                    |
| Product Main Type                                           | SACE Emax                                                                                                                                                                               |
| Product Name                                                | Air Circuit Breaker                                                                                                                                                                     |
| Product Type                                                | Air Circuit Breaker                                                                                                                                                                     |
| Rated Current ( $I_n$ )                                     | 1600 A                                                                                                                                                                                  |
| Rated Voltage ( $U_r$ )                                     | 690 V                                                                                                                                                                                   |
| 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) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 85 kA<br>(400 V AC) 85 kA<br>(415 V AC) 85 kA<br>(440 V AC) 85 kA<br>(500 V AC) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 kA        |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | for 1 s 75 kA<br>for 3 s 65 kA                                                                                                                                                          |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (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) 85 kA<br>(690 V AC) 85 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 1600 A                                                                                                                                                                                  |
| Release Type                                                | EL                                                                                                                                                                                      |
| Standards                                                   | IEC                                                                                                                                                                                     |
| Sub-type                                                    | E3                                                                                                                                                                                      |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Rear flat Horizontal                                                                                                                                          |
| Version                                                     | F                                                                                                                                                                                       |

## Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC200006D0209                    |
| Declaration of Conformity - CE    | 1SDL000165R0015                    |
| Environmental Information         | 1SDL000145R0                       |
| Instructions and Manuals          | 1SDH000460R0002<br>1SDH000460R0102 |

## Classifications

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| Object Classification Code | Q                                                                       |
| UNSPSC                     | 39120000                                                                |

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## Categories

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

