



PRODUCT-DETAILS

# E3H1600PR121/P-LSIIn=1600A3pWMP

## E3H 1600 PR121/P-LSI In=1600A 3p W MP



| General Information   |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E3H1600PR121/P-LSIIn=1600A3pWMP                                                                                                                                                  |
| Product ID            | 1SDA056417R1                                                                                                                                                                     |
| EAN                   | 8015644577575                                                                                                                                                                    |
| Catalog Description   | E3H 1600 PR121/P-LSI In=1600A 3p W MP                                                                                                                                            |
| Long Description      | SACE EMAX MOVING PART FOR CIRCUIT-BREAKER E3H 1600A THRE-POLE<br>OVERCURRENT RELEASE PR121/P-LSI R1600 FITTED WITH: 4 AUXILIARY CONTACT AND<br>C.BREAKER IN POSITION OPEN-CLOSED |

| Circular Value                                    |                                 |
|---------------------------------------------------|---------------------------------|
| Conflict Minerals<br>Reporting Template<br>(CMRT) | Document availability on demand |

| Environmental                |                |
|------------------------------|----------------|
| Environmental<br>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                    | 8015644577575 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 432 mm   |
| Product Net Height         | 461 mm   |
| Product Net Depth / Length | 396.5 mm |
| Product Net Weight         | 64 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   | 77 kg         |
| Package Level 1 EAN            | 8015644577575 |

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<br>60 cycles per hour                                               |
| Number of Poles                                     | 3                                                                               |
| Power Loss                                          | 150 W                                                                           |
| Product Main Type                                   | SACE Emax                                                                       |
| Product Name                                        | Air Circuit Breaker                                                             |
| Product Type                                        | Air Circuit Breaker                                                             |
| Rated Current (I <sub>n</sub> )                     | 1600 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> )         | 1600 A                                                                          |
| Rated Operational Voltage                           | 690 V AC                                                                        |
| Rated Service Short-Circuit Breaking                | (220 V AC) 85 kA<br>(230 V AC) 85 kA                                            |

|                                                             |                                                                                                                                                                                         |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity (Ics)                                              | (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<br>Withstand Current Low<br>Voltage (Icw)  | for 1 s 75 kA<br>for 3 s 65 kA                                                                                                                                                          |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (Icu) | (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<br>Current (Iu)                         | 1600 A                                                                                                                                                                                  |
| Release                                                     | PR121/P-LSI                                                                                                                                                                             |
| Release Type                                                | EL                                                                                                                                                                                      |
| Short-Circuit<br>Performance Level                          | H                                                                                                                                                                                       |
| Standards                                                   | IEC                                                                                                                                                                                     |
| Sub-type                                                    | E3                                                                                                                                                                                      |
| Terminal Connection<br>Type                                 | Withdrawable Circuit-Breakers                                                                                                                                                           |
| Version                                                     | W                                                                                                                                                                                       |

Certificates and Declarations

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 1SDC200006D0209 |
| Declaration of<br>Conformity - CE    | 1SDL000165R0015 |
| 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                                                                            |
| 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

