



PRODUCT-DETAILS

E3V1600PR121/P-LIIn=1600A3pWMP  
E3V 1600 PR121/P-LI In=1600A 3p W MP



| General Information   |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E3V1600PR121/P-LIIn=1600A3pWMP                                                                                                                                                  |
| Product ID            | 1SDA056608R1                                                                                                                                                                    |
| EAN                   | 8015644579487                                                                                                                                                                   |
| Catalog Description   | E3V 1600 PR121/P-LI In=1600A 3p W MP                                                                                                                                            |
| Long Description      | SACE EMAX MOVING PART FOR CIRCUIT-BREAKER E3V 1600A THRE-POLE<br>OVERCURRENT RELEASE PR121/P-LI R1600 FITTED WITH: 4 AUXILIARY CONTACT AND<br>C.BREAKER IN POSITION OPEN-CLOSED |

| Material Compliance                               |                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------|
| REACH Declaration                                 | 9AKK108466A1425                                                        |
| RoHS Information                                  | 9AKK108466A1424                                                        |
| RoHS Status                                       | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | Document availability on demand                                        |

## Environmental

|                           |                |
|---------------------------|----------------|
| Environmental Information | 9AKK10103A6076 |
|---------------------------|----------------|

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644579487 |
| 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            | 8015644579487 |

## Additional Information

|                   |                     |
|-------------------|---------------------|
| Product Main Type | SACE Emax           |
| Product Name      | Air Circuit Breaker |
| Product Type      | Air Circuit Breaker |
| Version           | W                   |

## Technical

|                                                     |                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------|
| 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                                     | 3P                                                                               |
| Power Loss                                          | 150 W                                                                            |
| Rated Current (I <sub>n</sub> )                     | 1600 A                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 12 kV                                                                            |
| Rated Insulation Voltage (U <sub>i</sub> )          | 1000 V                                                                           |
| Rated Operational                                   | 1600 A                                                                           |

|                                                                   |                                                                                                                                                                                           |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current (I <sub>e</sub> )                                         |                                                                                                                                                                                           |
| 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) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 kA    |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 1 s 85 kA<br>for 3 s 65 kA                                                                                                                                                            |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (220 V AC) 130 kA<br>(230 V AC) 130 kA<br>(380 V AC) 130 kA<br>(400 V AC) 130 kA<br>(415 V AC) 130 kA<br>(440 V AC) 130 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> )                     | 1600 A                                                                                                                                                                                    |
| Rated Voltage (U <sub>r</sub> )                                   | 690 V                                                                                                                                                                                     |
| Release                                                           | PR121/P-LI                                                                                                                                                                                |
| Release Type                                                      | EL                                                                                                                                                                                        |
| Short-Circuit Performance Level                                   | V                                                                                                                                                                                         |
| Standards                                                         | IEC                                                                                                                                                                                       |
| Sub-type                                                          | E3                                                                                                                                                                                        |
| Terminal Connection Type                                          | Withdrawable Circuit-Breakers                                                                                                                                                             |

### Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC200006D0209 |
| Declaration of Conformity - CE    | 1SDL000165R0015 |
| Instructions and Manuals          | 1SDH000460R0002 |

### External Classifications and Standards

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| Object Classification 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

