



PRODUCT-DETAILS

E2S1600PR122/P-LIIn=1600A4pWMP  
E2S 1600 PR122/P-LI In=1600A 4p W MP



| General Information   |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E2S1600PR122/P-LIIn=1600A4pWMP                                                                                                                                                  |
| Product ID            | 1SDA056011R1                                                                                                                                                                    |
| EAN                   | 8015644573515                                                                                                                                                                   |
| Catalog Description   | E2S 1600 PR122/P-LI In=1600A 4p W MP                                                                                                                                            |
| Long Description      | SACE EMAX MOVING PART FOR CIRCUIT-BREAKER E2S 1600A FOUR-POLE<br>OVERCURRENT RELEASE PR122/P-LI R1600 FITTED WITH: 4 AUXILIARY CONTACT<br>AND C.BREAKER IN POSITION OPEN-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                    | 8015644573515 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 414 mm   |
| Product Net Height         | 461 mm   |
| Product Net Depth / Length | 396.5 mm |
| Product Net Weight         | 61 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   | 73 kg         |
| Package Level 1 EAN            | 8015644573515 |

Additional Information

|                                                                   |                                                                                                                                                                                  |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Type                                                      | AC                                                                                                                                                                               |
| Electrical Durability                                             | Ue =< 440 V 12000 cycle<br>Ue = 500 ... 690 V 10000 cycle<br>30 cycles per hour                                                                                                  |
| Mechanical Durability                                             | 25000 cycle<br>60 cycles per hour                                                                                                                                                |
| Number of Poles                                                   | 4                                                                                                                                                                                |
| Power Loss                                                        | 215 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 Capacity (I <sub>cs</sub> )  | (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) 65 kA<br>(660 V AC) 65 kA<br>(690 V AC) 65 kA |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 1 s 65 kA<br>for 3 s 50 kA                                                                                                                                                   |

|                                                                   |                               |
|-------------------------------------------------------------------|-------------------------------|
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (220 V AC) 85 kA              |
|                                                                   | (230 V AC) 85 kA              |
|                                                                   | (380 V AC) 85 kA              |
|                                                                   | (400 V AC) 85 kA              |
|                                                                   | (415 V AC) 85 kA              |
|                                                                   | (440 V AC) 85 kA              |
|                                                                   | (500 V AC) 65 kA              |
|                                                                   | (660 V AC) 65 kA              |
|                                                                   | (690 V AC) 65 kA              |
| Rated Uninterrupted Current (I <sub>u</sub> )                     | 1600 A                        |
| Release                                                           | PR122/P-LI                    |
| Release Type                                                      | EL                            |
| Short-Circuit Performance Level                                   | S                             |
| Standards                                                         | IEC                           |
| Sub-type                                                          | E2                            |
| Terminal Connection Type                                          | Withdrawable Circuit-Breakers |
| Version                                                           | W                             |

Certificates and Declarations

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC200006D0209                    |
| Declaration of Conformity - CE    | 1SDL000165R0014                    |
| Instructions and Manuals          | 1SDH000460R0002<br>1SDH000460R0102 |

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                                                                            |
| UNSPSC                     | 39120000                                                                     |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |

Categories

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

