



PRODUCT-DETAILS

T5V 630 PR222DS/P-LSI In=630 3p F F

T5V 630 PR222DS/P-LSI In=630 3p F F



General Information

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T5V 630 PR222DS/P-LSI In=630 3p F F                                                                            |
| Product ID            | 1SDA054430R1                                                                                                   |
| EAN                   | 8015644555344                                                                                                  |
| Catalog Description   | T5V 630 PR222DS/P-LSI In=630 3p F F                                                                            |
| Long Description      | C.BREAKER TMAX T5V 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR222DS/P-LSI R 630 |

ABB EcoSolutions

|                                         |                       |
|-----------------------------------------|-----------------------|
| Environmental Product Declaration - EPD | No declaration needed |
|-----------------------------------------|-----------------------|

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 Reporting Template | 9AKK108467A5658                                                        |

(CMRT)

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxic Substances Control Act - TSCA | 9AKK108467A8326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SCIP                                | 659e5a87-0457-48e8-a339-696bc1e71f83 China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Simplified SCIP                     | 726ba7fc-66ef-4e77-b6d2-614ffde789a Poland<br>8c853fc7-4440-446b-ae00-6aac194d418e Hungary<br>da879fbf-0328-4da4-ae51-7dcabc06ea0c Netherlands<br>076b14d9-4dd5-4a39-981d-5944ac31b2af Greece<br>744359d0-2a60-4f37-a702-97010b266e8c Estonia<br>60d90bf5-4e67-48e7-8b79-3658f2553114 Germany<br>dfa98d45-a6d7-4982-8648-40454989d622 Germany<br>6b6e5ca4-234c-4102-b544-40dbb0e2d922 Denmark<br>c700eea1-90c6-4195-9600-4cae971a5beb Germany<br>70204eb3-3718-4e03-865a-40831d4d11f2 Bulgaria<br>7688928d-0802-4d9e-acf0-fe84d7d89a23 Portugal<br>84f7a51e-5a50-4ccf-82f7-79aca5b4e330 Poland<br>66d2fd22-7ac1-4062-bba4-c935b6bee92c France<br>6f500c15-de5f-48a4-8995-ec203843aa5f Sweden<br>ef2b62b2-fe49-4f0c-aa27-d612e43595d7 Sweden<br>7c1bde39-f62d-4e18-baf4-e6df9c978325 Germany<br>f061103e-31b3-470f-92a6-4ffe2ec14c41 Spain<br>2877c954-0c4b-4466-9adf-fe9d50c09d98 France<br>203bf8ec-eb3a-4ef3-898b-b6f33532324f Belgium<br>968f8997-bdb4-45f6-8a6c-ab1f8389239c Hungary<br>37eb5f53-341d-436e-82dd-2cd4b62ba30b Czech Republic<br>3cea5b40-66fd-477d-994a-4de497e9cfd6 Poland<br>d655abdf-dab2-42bc-9c56-d6d65475e9a4 Croatia<br>f06e4f92-de1e-47b2-95a3-9d9ab768bea1 Germany<br>d5b33b1c-3989-4547-9da4-715f78bcb54b Norway<br>a026d939-f1c0-4a90-9675-8fa1b2466b69 Belgium<br>8d343b81-3b7b-448c-90a1-444bc7b00a1b Finland |

Environmental

|                           |                 |
|---------------------------|-----------------|
| Environmental Information | 9AKK10103A1056  |
|                           | 9AKK108467A6707 |

Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3655365       |
| EAN                    | 8015644555344 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 140 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 5.1 kg   |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 248 mm        |
| Package Level 1 Height         | 240 mm        |
| Package Level 1 Depth / Length | 285 mm        |
| Package Level 1 Gross Weight   | 5.1 kg        |
| Package Level 1 EAN            | 8015644555344 |

## Additional Information

|                            |                               |
|----------------------------|-------------------------------|
| Product Main Type          | SACE Tmax T                   |
| Product Name               | Moulded Case Circuit Breaker  |
| Product Type               | Automatic Circuit Breaker     |
| Suitable For               | T5                            |
| Suitable for Product Class | Moulded Case Circuit Breakers |
| Version                    | F                             |

## Technical

|                                                             |                                                                                                                                                                     |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Durability                                       | 5000 cycle<br>60 cycles per hour                                                                                                                                    |
| Mechanical Durability                                       | 20000 cycle<br>120 cycles per hour                                                                                                                                  |
| Number of Poles                                             | 3P                                                                                                                                                                  |
| Power Loss                                                  | at Rated Operating Conditions per Pole 41 W                                                                                                                         |
| Rated Current ( $I_n$ )                                     | 630 A                                                                                                                                                               |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                                                                                                                |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V                                                                                                                                                              |
| Rated Operational Voltage                                   | 690 V AC                                                                                                                                                            |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 200 kA<br>(400 V AC) 200 kA<br>(415 V AC) 200 kA<br>(440 V AC) 180 kA<br>(500 V AC) 75 kA<br>(690 V AC) 40 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 200 kA<br>(400 V AC) 200 kA<br>(415 V AC) 200 kA<br>(440 V AC) 180 kA<br>(500 V AC) 150 kA<br>(690 V AC) 80 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 630 A                                                                                                                                                               |
| Release                                                     | PR222DS/P-LSI                                                                                                                                                       |
| Release Type                                                | EL                                                                                                                                                                  |
| Short-Circuit Performance Level                             | V                                                                                                                                                                   |
| Standards                                                   | IEC                                                                                                                                                                 |
| Sub-type                                                    | T5                                                                                                                                                                  |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front                                                                                                                                     |
| Test Voltage Max ( $U_{test}$ )                             | 3500 V                                                                                                                                                              |
| Test Voltage at Industrial Frequency for 1 Minute           | 3500 V                                                                                                                                                              |

## Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 9AKK106713A5539 |
| GL Certificate                    | 1SDL000163R0062 |
| Instructions and Manuals          | 1SDH000437R0001 |
| Instructions and Manuals (Part 2) | ITSCE-RH0100001 |
| Instructions and Manuals          | 1SDH000436R0502 |

(Part 3)

External Classifications and Standards

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q                                                                            |
| UNSPSC                     | 39121100                                                                     |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| eClass                     | V11.1 : 27370409                                                             |

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax T

