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 PRODUCT-DETAILS

# T5L 630 PR221DS-LS/I In=630 3p F F

## T5L 630 PR221DS-LS/I In=630 3p F F




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**General Information**

|                       |   |
|-----------------------|---|
| Extended Product Type | T5L 630 PR221DS-LS/I In=630 3p F F  |
| Product ID            | 1SDA054420R1  |
| EAN                   | 8015644555245   |
| Catalog Description   | T5L 630 PR221DS-LS/I In=630 3p F F  |
| Long Description      | C.BREAKER TMAX T5L 630 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 630 |

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**ABB EcoSolutions**

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

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**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 (CMRT) | 9AKK108467A5658   |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326   |
| SCIP  | 6c0fc465-af99-4288-8cd9-ad56b383407f Italy  |
| Simplified SCIP                             | 1cfad374-e68d-40a3-9137-4be8221b6612 Croatia<br>42f28e7c-9c84-48a1-a2a0-c73b3ec46b96 Denmark<br>d0fe689c-10cf-4e43-bf60-4cae5cefec21 Germany<br>c9876678-6597-487a-b0a7-f779ac4ae897 Germany<br>02d26379-97e0-4ec7-bf65-16e4a2d2093c Sweden<br>2f32f39a-2dbb-41a7-a7c4-989ad62f706f Germany<br>0c4fe6f6-5773-4ce2-bb86-d059f88b35c2 Germany<br>840b6cea-4d8e-48ad-a9ae-698ce28160e5 France<br>294e2e5e-f46b-4ab8-b535-ec0620aad392 Hungary<br>c013f716-fc54-44f7-999a-0980310676bc Belgium<br>036f9682-6a0f-4daa-ae49-1cc2909a8202 Spain<br>f8363635-72d0-46f8-b730-223058b16596 Portugal<br>67aabc84-ed44-4b02-afc0-6f079eb753a9 Czech Republic<br>fa514b84-6d4f-450a-9877-a52d6c51ad96 Germany<br>b627696a-8384-4bdf-a907-07719b5e9e31 Poland<br>ebedacc9-b36b-4b36-a306-eeba2ab4d04b Netherlands<br>28241d1a-e657-403e-945d-73233c6516c7 Poland<br>9990d356-a01a-44a0-a5ea-263a962c3c6c Norway<br>81059d15-b770-4ccf-b989-c4f82a2bd87f Bulgaria<br>a3c7251d-77e0-4d47-87dc-be1115bb62fe Sweden<br>337ce485-115e-4b3a-8262-35379cd1c57f Hungary<br>fa7c1022-1f2e-4836-808a-acdb057ae01b Finland<br>d80cafa0-34cd-450e-9d06-baf646358dd9 Poland<br>c1e60788-f271-49ac-ac55-9f6bf96bb312 France<br>d4ff77fa-9f42-410c-beb6-d5543d00122f Belgium<br>1a766141-df4e-4fc3-9c3a-ccaefac052a Estonia<br>b32e86e2-8992-4b29-9fdd-578bd6eeb6cf Greece |

## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| Environmental Information | 9AKK10103A1056<br>9AKK108467A6707 |
|---------------------------|-----------------------------------|

## Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3655332       |
| EAN                    | 8015644555245 |
| 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 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            | 801564455245 |

## 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) 120 kA<br>(400 V AC) 120 kA<br>(415 V AC) 120 kA<br>(440 V AC) 100 kA<br>(500 V AC) 70 kA<br>(690 V AC) 35 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 120 kA<br>(400 V AC) 120 kA<br>(415 V AC) 120 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(690 V AC) 70 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 630 A  |
| Release   | PR221DS-LS/I   |
| Release Type  | EL   |
| Short-Circuit Performance Level                             | L  |
| 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 |

### 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

