



PRODUCT-DETAILS

T5L 400 PR221DS-LS/I In=400 3p F F

T5L 400 PR221DS-LS/I In=400 3p F F



| General Information   |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T5L 400 PR221DS-LS/I In=400 3p F F                                                                            |
| Product ID            | 1SDA054365R1                                                                                                  |
| EAN                   | 8015644554637                                                                                                 |
| Catalog Description   | T5L 400 PR221DS-LS/I In=400 3p F F                                                                            |
| Long Description      | C.BREAKER TMAX T5L 400 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 400 |

| 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<br>Reporting Template<br>(CMRT) | 9AKK108467A5658                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Toxic Substances<br>Control Act - TSCA            | 9AKK108467A8326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SCIP                                              | d745ef9e-de08-45d1-be19-d5c2804a5920 China                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Simplified SCIP                                   | 2bd47fa2-df46-401d-adc3-1f3af70cab86 Germany<br>510a8b5f-111b-4777-bd00-44b39d7eeeca Norway<br>Od9e9d66-f22d-4781-9df2-323a022c3145 Netherlands<br>3fe9792d-338c-4267-9f44-a1f2447e794f France<br>3f60f3bb-fcfc-4ac6-98d3-bbde4cf5a410 Finland<br>4e861301-da89-4305-b0e7-a7730b402a7f Germany<br>35730862-f773-4544-9751-13cc689ded7a Sweden<br>7a33631f-d8f5-4540-a09d-440461637593 Portugal<br>83b35e73-0d46-4525-9ba8-a6f5147d2235 Hungary<br>8116c25d-c2ec-4597-8ee0-fcfa7d313773 Greece<br>6430aada-df34-4e78-acdf-eaa0b5ddf624 Spain<br>e619ee73-04a5-40ed-bfcb-6651b5e4dfef Germany<br>c166f83d-f77d-4ab3-8d0e-a385ddc6665d Germany<br>167dae7e-b9ea-4620-b6fa-03bf239698db Denmark<br>91fd14fb-6405-4e4c-b3fb-b793426e6146 France<br>7871fb48-1f60-4832-b111-41044cba88c4 Germany<br>8b9e5da4-e97f-474d-a694-243ab101e015 Poland<br>41f94add-0660-453d-806d-873d8da3f083 Poland<br>0e2db9a0-2af7-48f9-9cb9-86c7281ab08a Czech Republic<br>fa05f505-b966-4700-ac40-09a75186b7f1 Bulgaria<br>4645d0c0-182d-49a2-98c3-19571844dbac Sweden<br>817190cf-3562-4e52-b4de-1071d80f6a84 Poland<br>e41db3dd-5393-4b51-aef6-f84ead7019f3 Belgium |

## Environmental

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

## Ordering

|                             |               |
|-----------------------------|---------------|
| Order Code US and<br>Canada | T5LR400BPA3S8 |
| E-Number (Finland)          | 3655331       |
| EAN                         | 8015644554637 |
| Minimum Order Quantity      | 1 piece       |
| Customs Tariff Number       | 85362090      |

## Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 140 mm   |
| Product Net Height            | 205 mm   |
| Product Net Depth /<br>Length | 103.5 mm |
| Product Net Weight            | 4.828 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 /<br>Length | 285 mm  |

|                              |               |
|------------------------------|---------------|
| Package Level 1 Gross Weight | 5.1 kg        |
| Package Level 1 EAN          | 8015644554637 |

## 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                                       | 7000 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 16.5 W                                                                                                                      |
| Rated Current ( $I_n$ )                                     | 400 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) 85 kA<br>(690 V AC) 70 kA |
| Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ ) | for 1 s 5 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 ( $I_u$ )                       | 400 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

