



PRODUCT-DETAILS

T4V250 PR221DS-LS/I In250 3p FFC 1150VAC  
T4V250 PR221DS-LS/I In250 3p FFC 1150VAC



| General Information   |                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T4V250 PR221DS-LS/I In250 3p FFC 1150VAC                                                                                            |
| Product ID            | 1SDA054517R1                                                                                                                        |
| EAN                   | 8015644556198                                                                                                                       |
| Catalog Description   | T4V250 PR221DS-LS/I In250 3p FFC 1150VAC                                                                                            |
| Long Description      | C.BREAKER TMAX T4V 250 1150V AC FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 250 |

| 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                                              | a53397d5-cbf7-42b6-95c6-f975e1929ea4 Italy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Simplified SCIP                                   | 70a1a12a-c14a-4731-80d3-a7db381c9fbf Germany<br>a93352f8-9533-4b70-884d-81677d3a5f2b Poland<br>4b21ae83-f829-49b0-978f-e9a997a90165 Norway<br>3e56f5ab-8d13-43de-b923-8cd1b23a23d4 Denmark<br>e532ad7e-650b-4789-914f-8eb230a72842 Greece<br>4c5d463d-e3b0-43f5-bac0-ea05a8de427a Bulgaria<br>724fcbcb3-ecd7-4320-b614-1cde80fb441a Germany<br>628e1ec0-a9ef-40c4-b6b8-ced0589715e0 Netherlands<br>46e7cf47-cf97-44fc-8d65-9c9bbddec34 Germany<br>0343dd4f-1347-4536-bf5f-6c8dc70bfee7 Germany<br>c0147c77-d395-4dc8-9f91-4b59dac0c6bc Croatia<br>8038c97d-aae4-4c17-9211-be6617f682d8 Czech Republic<br>7af58f7c-17d5-457a-9f84-1255777c8a69 Poland<br>f1e0c89f-d211-4ee0-a301-c755bd7527c2 Netherlands<br>b1bf5165-2578-4f81-a19f-10ad7fdbff01 Netherlands<br>7d626fc3-17e4-49a8-abd6-c7f90a3ce05c Estonia<br>ba2ab238-ded7-4581-acf5-f6e7e9950830 Portugal<br>ac4eb6bc-0eb7-400a-95af-7c58e6b51aea Sweden<br>0896d35d-6278-4043-9dab-d6dde8fdeae6 Poland<br>3790b548-131e-47f1-a94e-0837c66be19c Finland<br>efc9b87f-0a0b-421c-9742-ee83a6c628db France<br>bea4e883-32e1-4459-aacb-d1ec25978acf Sweden<br>9228390d-cd21-4bbb-8a17-4b1122339f50 Germany<br>7b830a90-aa3d-4097-b400-c3c186e16934 France<br>e6f98861-452a-4430-b827-3985c7d76975 Netherlands<br>9bf0a508-7958-41b8-b4cc-4bb5e304ba9e Spain<br>f526ac8f-4a85-4daa-98d7-f53d023ef0d1 Netherlands |

## Environmental

|                              |                 |
|------------------------------|-----------------|
| Environmental<br>Information | 9AKK10103A1057  |
|                              | 9AKK108467A6707 |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644556198 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85352100      |

## Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 105 mm   |
| Product Net Height            | 205 mm   |
| Product Net Depth /<br>Length | 103.5 mm |
| Product Net Weight            | 3.5 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 / | 285 mm  |

|                              |               |
|------------------------------|---------------|
| Length                       |               |
| Package Level 1 Gross Weight | 3.5 kg        |
| Package Level 1 EAN          | 8015644556198 |

## Additional Information

|                            |                               |
|----------------------------|-------------------------------|
| Product Main Type          | SACE Tmax T                   |
| Product Name               | Moulded Case Circuit Breaker  |
| Product Type               | Automatic Circuit Breaker     |
| Suitable For               | T4                            |
| Suitable for Product Class | Moulded Case Circuit Breakers |
| Version                    | F                             |

## Technical

|                                                             |                                                   |
|-------------------------------------------------------------|---------------------------------------------------|
| Electrical Durability                                       | 8000 cycle<br>120 cycles per hour                 |
| Mechanical Durability                                       | 20000 cycle<br>240 cycles per hour                |
| Number of Poles                                             | 3P                                                |
| Power Loss                                                  | at Rated Operating Conditions per Pole 10.7 W     |
| Rated Current ( $I_n$ )                                     | 250 A                                             |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                              |
| Rated Insulation Voltage ( $U_i$ )                          | 1150 V                                            |
| Rated Operational Voltage                                   | 1150 V AC                                         |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (1000 V AC) 12 kA<br>(1150 V AC) 6 kA             |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (1000 V AC) 20 kA<br>(1150 V AC) 12 kA            |
| Rated Uninterrupted Current ( $I_u$ )                       | 250 A                                             |
| Release                                                     | PR221DS-LS/I                                      |
| Release Type                                                | EL                                                |
| Short-Circuit Performance Level                             | V                                                 |
| Standards                                                   | IEC                                               |
| Sub-type                                                    | T4                                                |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front for Copper Cables |
| Test Voltage Max ( $U_{test}$ )                             | 3500 V                                            |

## Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210300D0201 |
| Declaration of Conformity - CE    | 9AKK106713A5540 |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and                  | 1SDH000457R0001 |

|                                   |                 |
|-----------------------------------|-----------------|
| Manuals                           |                 |
| 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

