

PRODUCT-DETAILS

# T4S 320 PR221DS-I In=320 3p F F

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## General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | T4S 320 PR221DS-I In=320 3p F F  |
| Product ID            | 1SDA054126R1   |
| EAN                   | 8015644552251  |
| Catalog Description   | T4S 320 PR221DS-I In=320 3p F F  |
| Long Description      | C.BREAKER TMAX T4S 320 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 320 |

## Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3655514       |
| EAN                    | 8015644552251 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 105 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / 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 / Length | 285 mm        |
| Package Level 1 Gross Weight   | 3.5 kg        |
| Package Level 1 EAN            | 8015644552251 |

## Additional Information

|   |  |
|---|--|
| Electrical Durability                                       | 6000 cycle<br>120 cycles per hour  |
| Mechanical Durability                                       | 20000 cycle<br>240 cycles per hour   |
| Number of Poles   | 3  |
| Power Loss  | at Rated Operating Conditions per Pole 17.6 W  |
| Product Main Type   | SACE Tmax T  |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | Main Circuit 320 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) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 40 kA<br>(500 V AC) 30 kA<br>(690 V) 25 kA    |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 40 kA<br>(500 V AC) 30 kA<br>(690 V AC) 25 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 320 A  |
| Release   | PR221DS-I  |
| Release Type  | EL   |
| Short-Circuit Performance Level                             | S  |
| Standards   | IEC 60947  |
| Sub-type  | T4   |
| Suitable For  | T4   |
| Suitable for Product Class                                  | Moulded Case Circuit Breakers  |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front  |
| Test Voltage Max ( $U_{test}$ )                             | 3500 V   |
| Version   | F  |

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 1SDL000165R0004 |
| Environmental Information         | 1SDL000143R0    |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and Manuals          | 1SDH000436R0001 |
| RoHS Information                  | 1SDL000200R0001 |

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## Classifications

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|----------------------------|--|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | 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)                   |

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## Categories

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

