PRODUCT-DETAILS

# T4N 320 PR221DS-LS/I In=320 3p F F

## T4N 320 PR221DS-LS/I In=320 3p F F



### General Information

| | |
|---|---|
| Extended Product Type | T4N 320 PR221DS-LS/I In=320 3p F F |
| Product ID | 1SDA054117R1 |
| EAN | 8015644552169 |
| Catalog Description | T4N 320 PR221DS-LS/I In=320 3p F F |
| Long Description | C.BREAKER TMAX T4N 320 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 320 |

### Ordering

| | |
|---|---|
| E-Number (Sweden) | 3180305 |
| EAN | 8015644552169 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

### Dimensions

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|---|---|
| Product Net Width | 105 mm |
| Product Net Height | 205 mm |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight | 3.639 kg |

## Container Information

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|---|---|
| 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 | 8015644552169 |

## Additional Information

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|---|---|
| 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) 70 kA<br>(230 V AC) 70 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(690 V) 20 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (220 V AC) 70 kA<br>(230 V AC) 70 kA<br>(380 V AC) 36 kA<br>(400 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 30 kA<br>(500 V AC) 25 kA<br>(690 V AC) 20 kA<br>(250 V DC) 2 Poles in Series 36 kA<br>(250 V DC) 2 Poles in Series 25 kA<br>(750 V DC) 3 Poles in Series 16 kA |
| Rated Uninterrupted Current ($I_u$) | 320 A |
| Release | PR221DS-LS/I |
| Release Type | EL |
| Short-Circuit Performance Level | N |
| 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 |
| Test Voltage at Industrial | 3500 V |

| | |
|---|---|
| Frequency for 1 Minute | |
| Version | F |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE | 1SDL000165R0004 |
| Environmental Information | 1SDL000143R0 |
| Instructions and Manuals | 1SDH000436R0001 |
| Instructions and Manuals (Part 2) | ITSCE-RH0100001 |
| RoHS Information | 1SDL000200R0001 |

## 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) |

## Categories

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

