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 PRODUCT-DETAILS

# T4V 320 PR222DS/P-LSI In=320 3p F F

# T4V 320 PR222DS/P-LSI In=320 3p F F




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | T4V 320 PR222DS/P-LSI In=320 3p F F  |
| Product ID            | 1SDA054151R1   |
| EAN                   | 8015644552435  |
| Catalog Description   | T4V 320 PR222DS/P-LSI In=320 3p F F  |
| Long Description      | C.BREAKER TMAX T4V 320 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR222DS/P-LSI R 320 |

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**Environmental**

|                           |                |
|---------------------------|----------------|
| Environmental Information | 9AKK10103A1057 |
|---------------------------|----------------|

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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) | Document availability on demand  |

Toxic Substances Control  
Act - TSCA

9AKK108467A8326

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**Ordering**

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|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3655230       |
| EAN                    | 8015644552435 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

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**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         | 3.5 kg   |

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**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            | 8015644552435 |

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**Additional Information**

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|                            |                               |
|----------------------------|-------------------------------|
| 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                             |

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**Technical**

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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  |
| Rated Current ( $I_n$ )                                    | 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) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 200 kA<br>(400 V AC) 200 kA<br>(415 V AC) 200 kA<br>(440 V AC) 180 kA |

|   |   |
|---|---|
|   | (500 V AC) 150 kA<br>(690 V) 150 kA   |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 200 kA<br>(230 V AC) 200 kA<br>(380 V AC) 200 kA<br>(400 V AC) 200 kA<br>(415 V AC) 200 kA<br>(440 V AC) 180 kA<br>(500 V AC) 150 kA<br>(690 V AC) 80 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 320 A   |
| Release   | PR222DS/P-LSI   |
| Release Type  | EL  |
| Short-Circuit Performance Level                             | V   |
| Standards   | IEC   |
| Sub-type  | T4  |
| 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    | 9AKK106713A5540 |
| GL Certificate                    | 1SDL000163R0061 |
| Instructions and Manuals          | 1SDH000436R0001 |
| Instructions and Manuals (Part 2) | ITSCE-RH0100001 |
| Instructions and Manuals (Part 3) | 1SDH000436R0502 |

## Classifications

|                            |  |
|----------------------------|--|
| ETIM 8                     | 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

