



PRODUCT-DETAILS

T4L 320 PR221DS-LS/I In=320 4p F F

T4L 320 PR221DS-LS/I In=320 4p F F



| General Information   |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T4L 320 PR221DS-LS/I In=320 4p F F                                                                           |
| Product ID            | 1SDA054145R1                                                                                                 |
| EAN                   | 8015644552077                                                                                                |
| Catalog Description   | T4L 320 PR221DS-LS/I In=320 4p F F                                                                           |
| Long Description      | C.BREAKER TMAX T4L 320 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 320 |

| 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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**Environmental**

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

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**Ordering**

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|------------------------|---------------|
| E-Number (Finland)     | 3655206       |
| EAN                    | 8015644552077 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

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**Dimensions**

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|                            |          |
|----------------------------|----------|
| Product Net Width          | 140 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 3.05 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            | 8015644552077 |

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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                                     | 4P                                            |
| Power Loss                                          | at Rated Operating Conditions per Pole 17.6 W |
| Rated Current (I <sub>n</sub> )                     | 320 A                                         |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 8 kV                                          |
| Rated Insulation Voltage                            | 1000 V                                        |

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(U<sub>i</sub>)

|                                                                   |                                                                                                                                                                    |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Operational Voltage                                         | 690 V AC                                                                                                                                                           |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )  | (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) 70 kA    |
| Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ) | (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 <sub>u</sub> )                     | 320 A                                                                                                                                                              |
| Release                                                           | PR221DS-LS/I                                                                                                                                                       |
| Release Type                                                      | EL                                                                                                                                                                 |
| Short-Circuit Performance Level                                   | L                                                                                                                                                                  |
| Standards                                                         | IEC                                                                                                                                                                |
| Sub-type                                                          | T4                                                                                                                                                                 |
| Terminal Connection Type                                          | Fixed Circuit-Breakers<br>Front                                                                                                                                    |
| Test Voltage Max (U <sub>test</sub> )                             | 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 |

## External Classifications and Standards

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

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## Categories

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

