



PRODUCT-DETAILS

T5L 630 PR221DS-LS/I In=630 4p F F

T5L 630 PR221DS-LS/I In=630 4p F F



| General Information   |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T5L 630 PR221DS-LS/I In=630 4p F F                                                                           |
| Product ID            | 1SDA054424R1                                                                                                 |
| EAN                   | 8015644555283                                                                                                |
| Catalog Description   | T5L 630 PR221DS-LS/I In=630 4p F F                                                                           |
| Long Description      | C.BREAKER TMAX T5L 630 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 630 |

| Circular Value                              |                 |
|---------------------------------------------|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326 |

| Environmental |                |
|---------------|----------------|
| Environmental | 9AKK10103A1056 |

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Information       | 9AKK108467A6707                                                        |
| REACH Declaration | 9AKK108466A1425                                                        |
| RoHS Information  | 9AKK108466A1424                                                        |
| RoHS Status       | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3655347       |
| EAN                    | 8015644555283 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 186 mm   |
| Product Net Height         | 205 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 6.082 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   | 6.2 kg        |
| Package Level 1 EAN            | 8015644555283 |

## Additional Information

|                                                            |                                                                                                       |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Electrical Durability                                      | 5000 cycle<br>60 cycles per hour                                                                      |
| Mechanical Durability                                      | 20000 cycle<br>120 cycles per hour                                                                    |
| Number of Poles                                            | 4                                                                                                     |
| Power Loss                                                 | at Rated Operating Conditions per Pole 41 W                                                           |
| Product Main Type                                          | SACE Tmax T                                                                                           |
| Product Name                                               | Moulded Case Circuit Breaker                                                                          |
| Product Type                                               | Automatic Circuit Breaker                                                                             |
| Rated Current ( $I_n$ )                                    | 630 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) 120 kA<br>(400 V AC) 120 kA<br>(415 V AC) 120 kA |

|                                                                   |                                                                                                                                                                    |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                   | (440 V AC) 100 kA<br>(500 V AC) 70 kA<br>(690 V AC) 35 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> )                     | 630 A                                                                                                                                                              |
| Release                                                           | PR221DS-LS/I                                                                                                                                                       |
| Release Type                                                      | EL                                                                                                                                                                 |
| Short-Circuit Performance Level                                   | L                                                                                                                                                                  |
| Standards                                                         | IEC                                                                                                                                                                |
| Sub-type                                                          | T5                                                                                                                                                                 |
| Suitable For                                                      | T5                                                                                                                                                                 |
| Suitable for Product Class                                        | Moulded Case Circuit Breakers                                                                                                                                      |
| 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                                                                                                                                                             |
| Version                                                           | F                                                                                                                                                                  |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210004D0203 |
| Declaration of Conformity - CE    | 9AKK106713A5539 |
| GL Certificate                    | 1SDL000163R0062 |
| Instructions and Manuals          | 1SDH000437R0001 |
| Instructions and Manuals (Part 2) | ITSCE-RH0100001 |

Classifications

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| 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                                                             |

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## Categories

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

