

## PRODUCT-DETAILS

T5H 630 PR221DS-LS/I In=630 4p F F

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### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | T5H 630 PR221DS-LS/I In=630 4p F F   |
| Product ID            | 1SDA054416R1   |
| EAN                   | 8015644555207  |
| Catalog Description   | T5H 630 PR221DS-LS/I In=630 4p F F   |
| Long Description      | C.BREAKER TMAX T5H 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 Information | 9AKK10103A1056<br>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)     | 3655344       |
| EAN                    | 8015644555207 |
| 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         | 6.2 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            | 8015644555207 |

## 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) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 70 kA<br>(400 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(690 V AC) 40 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 70 kA<br>(400 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(690 V AC) 40 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 630 A  |

Release

PR221DS-LS/I

|   |                               |
|---|-------------------------------|
| Release Type                                      | EL                            |
| Short-Circuit Performance Level                   | H                             |
| Standards   | IEC                           |
| Sub-type  | T5                            |
| Suitable For                                      | T5                            |
| Suitable for Product Class                        | Moulded Case Circuit Breakers |
| Terminal Connection Type                          | Fixed Circuit-Breakers 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   |

Categories

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

