

PRODUCT-DETAILS

# T6S 800 PR221DS-LS/I In=800 4p F F

# T6S 800 PR221DS-LS/I In=800 4p F F



## General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | T6S 800 PR221DS-LS/I In=800 4p F F   |
| Product ID            | 1SDA060283R1   |
| EAN                   | 8015644627454  |
| Catalog Description   | T6S 800 PR221DS-LS/I In=800 4p F F   |
| Long Description      | C.BREAKER TMAX T6S 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 800 |

## Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3655427       |
| EAN                    | 8015644627454 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 280 mm   |
| Product Net Height         | 268 mm   |
| Product Net Depth / Length | 103.5 mm |
| Product Net Weight         | 12 kg    |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 305 mm        |
| Package Level 1 Height         | 285 mm        |
| Package Level 1 Depth / Length | 370 mm        |
| Package Level 1 Gross Weight   | 14 kg         |
| Package Level 1 EAN            | 8015644627454 |

## 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 32 W  |
| Product Main Type   | SACE Tmax T  |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | Main Circuit 800 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) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 45 kA<br>(500 V AC) 35 kA<br>(690 V AC) 16.5 kA |
| Rated Short-time Withstand Current ( $I_{cw}$ )             | for 1 s 10 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 50 kA<br>(400 V AC) 50 kA<br>(415 V AC) 50 kA<br>(440 V AC) 45 kA<br>(500 V AC) 35 kA<br>(690 V AC) 22 kA   |
| Rated Uninterrupted Current ( $I_u$ )                       | 800 A  |
| Release   | PR221DS-LS/I   |
| Release Type  | EL   |
| Short-Circuit Performance Level                             | S  |
| Standards   | IEC  |
| Sub-type  | T6   |
| Suitable For  | T6   |
| Suitable for Product Class                                  | Moulded Case Circuit Breakers  |
| Terminal Connection Type                                    | Fixed Circuit-Breakers<br>Front  |
| Test Voltage Max ( $U_{test}$ )                             | 3500 V   |
| Version   | F  |

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## Certificates and Declarations (Document Number)

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|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210015D0201 |
| Declaration of Conformity - CE    | 1SDL000165R0006 |
| Environmental Information         | 1SDL000143R0    |
| Instructions and Manuals          | 1SDH000511R0001 |

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## 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)                   |

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## Categories

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

