

PRODUCT-DETAILS

T7H 1600 PR231/P LS/I In=1600A 3p F F

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Submitted by TECO Group

General Information

| | |
|-----------------------|---|
| Extended Product Type | T7H 1600 PR231/P LS/I In=1600A 3p F F |
| Product ID | 1SDA063026R1 |
| EAN | 8015644655754 |
| Catalog Description | T7H 1600 PR231/P LS/I In=1600A 3p F F |
| Long Description | C.BREAKER TMAX T7H 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC PR231/P-LS/I R 1600 |

Ordering

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|------------------------|---------------|
| EAN | 8015644655754 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 210 mm |
| Product Net Height | 268 mm |
| Product Net Depth / Length | 154 mm |
| Product Net Weight | 12.5 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 280 mm |
| Package Level 1 Height | 350 mm |
| Package Level 1 Depth / Length | 360 mm |
| Package Level 1 Gross Weight | 11.2 kg |
| Package Level 1 EAN | 8015644655754 |

Environmental

RoHS Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Additional Information

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|---|--|
| Electrical Durability | 2000 cycle 60 cycles per hour |
| Mechanical Durability | 10000 cycle 60 cycles per hour |
| Number of Poles | 3 |
| Power Loss | at Rated Operating Conditions per Pole 77 W |
| Product Main Type | SACE Tmax T |
| Product Name | Moulded Case Circuit Breaker |
| Product Type | CB |
| Rated Current (I_n) | Main Circuit 1600 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 (230 V AC) 100 kA (380 V AC) 70 kA (400 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (690 V AC) 31.5 kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 20 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 70 kA (400 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (690 V AC) 42 kA |
| Rated Uninterrupted Current (I_u) | 1600 A |
| Release | PR231/P-LS/I |
| Release Type | EL |
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | T7 |
| Suitable For | T7 |
| Suitable for Product Class | Moulded Case Circuit Breakers |

| | |
|--------------------------|------------------------------|
| Terminal Connection Type | Fixed Circuit-Breakers Front |
| Version | F |

Certificates and Declarations (Document Number)

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210015D0201 |
| Declaration of Conformity - CE | 1SDL000165R0007 |
| Environmental Information | 9AKK10103A1059 |
| GL Certificate | 1SDL000163R0053 |
| Instructions and Manuals | 1SDC210015D0201 |
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |

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) |

Categories

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

