



PRODUCT-DETAILS

T8V 2500 PR331/P LSI In=2500A 3p F F

T8V 2500 PR331/P LSI In=2500A 3p F F



| General Information   |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Extended Product Type | T8V 2500 PR331/P LSI In=2500A 3p F F                                                                           |
| Product ID            | 1SDA065780R1                                                                                                   |
| EAN                   | 8015644686918                                                                                                  |
| Catalog Description   | T8V 2500 PR331/P LSI In=2500A 3p F F                                                                           |
| Long Description      | C.BREAKER TMAX T8V 2500 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR331/P-LSI R 2500 |

| ABB EcoSolutions                        |                       |
|-----------------------------------------|-----------------------|
| Environmental Product Declaration - EPD | No declaration needed |

| 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<br>Reporting Template<br>(CMRT) | 9AKK108467A5658 |
| Toxic Substances<br>Control Act - TSCA            | 9AKK108467A8326 |

## Environmental

|                              |                                    |
|------------------------------|------------------------------------|
| Environmental<br>Information | 9AKK107046A3003<br>9AKK108467A6707 |
|------------------------------|------------------------------------|

## Ordering

|                             |                  |
|-----------------------------|------------------|
| Order Code US and<br>Canada | T8VFE3HC000000XX |
| EAN                         | 8015644686918    |
| Minimum Order Quantity      | 1 piece          |
| Customs Tariff Number       | 85362090         |

## Dimensions

|                               |        |
|-------------------------------|--------|
| Product Net Width             | 427 mm |
| Product Net Height            | 382 mm |
| Product Net Depth /<br>Length | 282 mm |
| Product Net Weight            | 9.7 kg |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Units             | 1 piece       |
| Package Level 1 Width             | 525 mm        |
| Package Level 1 Height            | 475 mm        |
| Package Level 1 Depth /<br>Length | 695 mm        |
| Package Level 1 Gross<br>Weight   | 11.2 kg       |
| Package Level 1 EAN               | 8015644686918 |

## Additional Information

|                   |                              |
|-------------------|------------------------------|
| Product Main Type | SACE Tmax T                  |
| Product Name      | Moulded Case Circuit Breaker |
| Product Type      | Automatic Circuit Breaker    |
| Version           | F                            |

## Technical

|                       |                                             |
|-----------------------|---------------------------------------------|
| Electrical Durability | 4000 cycle<br>20 cycles per hour            |
| Mechanical Durability | 15000 cycle<br>60 cycles per hour           |
| Number of Poles       | 3P                                          |
| Power Loss            | at Rated Operating Conditions per Pole 73 W |

|                                                                          |                                                                                                                                                                     |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Current (I <sub>n</sub> )                                          | 2500 A                                                                                                                                                              |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub> )                   | 8 kV                                                                                                                                                                |
| Rated Insulation Voltage<br>(U <sub>i</sub> )                            | 1000 V                                                                                                                                                              |
| Rated Operational<br>Voltage                                             | 690 V AC                                                                                                                                                            |
| Rated Service Short-<br>Circuit Breaking<br>Capacity (I <sub>cs</sub> )  | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 75 kA<br>(690 V AC) 60 kA  |
| Rated Short-time<br>Withstand Current Low<br>Voltage (I <sub>cw</sub> )  | for 1 s 40 A                                                                                                                                                        |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (I <sub>cu</sub> ) | (220 V AC) 1.3 kA<br>(230 V AC) 1.3 kA<br>(380 V AC) 130 kA<br>(400 V AC) 130 kA<br>(415 V AC) 130 kA<br>(440 V AC) 130 kA<br>(500 V AC) 100 kA<br>(690 V AC) 80 kA |
| Rated Uninterrupted<br>Current (I <sub>u</sub> )                         | 2500 A                                                                                                                                                              |
| Release                                                                  | PR232/P-LSI                                                                                                                                                         |
| Release Type                                                             | EL                                                                                                                                                                  |
| Short-Circuit<br>Performance Level                                       | V                                                                                                                                                                   |
| Standards                                                                | IEC                                                                                                                                                                 |
| Sub-type                                                                 | T8                                                                                                                                                                  |
| Terminal Connection<br>Type                                              | Fixed Circuit-Breakers<br>Front                                                                                                                                     |

## Certificates and Declarations

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>Information | 1SDC210023D0201 |
| Declaration of<br>Conformity - CE    | 9AKK106713A5533 |
| Wiring Diagram                       | 1SDM000061R0001 |
| Instructions and<br>Manuals          | 1SDC210033D0202 |

## External Classifications and Standards

|                                       |                                                                              |
|---------------------------------------|------------------------------------------------------------------------------|
| ETIM 9                                | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 10                               | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| IDEA Granular Category<br>Code (IGCC) | 4932 >> 3 Pole Non-Interchangeable Trip Electronic Circuit Breakers          |
| Object Classification<br>Code         | Q                                                                            |
| UNSPSC                                | 39121616                                                                     |
| 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

