



English



# T8L 2500 PR331/P LSI In=2500A 3p F F

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## General Information

**Extended Product Type:**

T8L 2500 PR331/P LSI In=2500A 3p F F

**Product ID:**

1SDA065758R1

**EAN:**

8015644686697

**Catalog Description:**

T8L 2500 PR331/P LSI In=2500A 3p F F

**Long Description:**

C.BREAKER TMAX T8L 2500 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR331/P-LSI R 2500

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**ABB EcoSolutions**

**Material Compliance**

**REACH Declaration:**

[REACH Declaration ABB Sace circuit breakers](#)

**RoHS Information:**

[RoHS Declaration ABB Sace circuit breakers](#)

**RoHS Status:**

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

**Conflict Minerals Reporting Template (CMRT):**

[CMRT - Conflict Minerals Reporting Template](#)

**Toxic Substances Control Act - TSCA:**

[Toxic Substances Control Act \(TSCA\) declaration](#)

**SCIP:**

7086185f-e077-4980-af8b-e727acc2bb2f Italy

**Simplified SCIP:**

28bd923f-25cf-4d85-8c0e-a52e69df2779 Poland  
a75e3036-f28f-4e78-845f-3860432e782f Sweden  
e1aefacc-1618-47fc-af4a-529aff5e397c France  
97480392-3398-4dc6-9338-fbbb2410b481 Hungary  
31fe9d9d-357d-4f8e-9d1f-50789eed3f35 Germany  
3ab44cc7-44af-4c96-af89-646dc8ac14c8 Sweden  
75958ea4-536e-4b14-8c9c-cee476afdc4 Portugal  
6b49559c-229c-4f77-8d17-0ae4e04c2a3f France  
4169e2ec-7a55-4e47-a7e0-5eb62a6aff22 Germany  
f7bbe502-3e22-47b8-b9d4-53bf0e3aed74 Denmark  
2e7a22e8-e7fb-4729-b5bc-1fe28a8595c8 Germany  
35083ff0-87ae-4149-b5a7-5e4d7db62c2c Germany  
b9a1a90c-5dc4-401a-b7c7-3c203ca6dd7b Netherlands  
46712547-0de9-4de2-bcaf-e2c129b8a213 Croatia  
90263941-e30a-48cf-a80a-f4008e7e617a Poland  
f6587c7f-7d08-4b2f-9aaf-c1a5224e51c8 Czech Republic  
783a1fe5-95fa-4431-92b9-4b2e425aa6d7 Estonia  
0170b98a-946e-46cb-9583-1651381d51d0 Spain  
5b3304f1-549d-4ca1-96a2-ee1f01b8691b Belgium  
ceef2a8d-5c64-4a6b-b33a-dddaf435dc54 Poland  
2952f197-8065-475c-b321-a4fa5cf5488e Greece  
2b9b80a7-081d-4533-a7f0-ef7b89c42c24 Hungary  
ac15ec99-38bf-4c9b-8a09-fcb035b25027 Bulgaria  
be2c677f-29b8-4408-af25-617b3dd32afc Belgium

4ba191a7-cb1c-4409-a66a-8aa2dc3e829d Finland  
c8eb0b92-4b8f-4fc6-8019-d0c27b56aacb Norway  
8fb531ac-4afc-4a5e-a657-d072e16ed35f Germany

## Environmental

### Environmental Information:

[Product Environmental Information Tmax T8 Breakers - Packaging disposal information](#)

## Ordering

### Order Code US and Canada:

T8LFE3HC000000XX

### EAN:

8015644686697

### Minimum Order Quantity:

1 piece

### Customs Tariff Number:

85362090

## Dimensions

### Product Net Width:

427 mm

### Product Net Height:

382 mm

### Product Net Depth / Length:

282 mm

### Product Net Weight:

64 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 / Length:

695 mm

### Package Level 1 Gross Weight:

69 kg

### Package Level 1 EAN:

8015644686697

## Additional Information

### Product Main Type:

SACE Tmax T

3/20/25, 9:28 AM

T8L 2500 PR331/P LSI In=2500A 3p F F | ABB

|                                                                         |                                                                                                                                                              |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name:</b>                                                    | Moulded Case Circuit Breaker                                                                                                                                 |
| <b>Product Type:</b>                                                    | Automatic Circuit Breaker                                                                                                                                    |
| <b>Version:</b>                                                         | F                                                                                                                                                            |
| <b>Technical</b>                                                        |                                                                                                                                                              |
| <b>Electrical Durability:</b>                                           | 4000 cycle<br>20 cycles per hour                                                                                                                             |
| <b>Mechanical Durability:</b>                                           | 15000 cycle<br>60 cycles per hour                                                                                                                            |
| <b>Number of Poles:</b>                                                 | 3P                                                                                                                                                           |
| <b>Power Loss:</b>                                                      | at Rated Operating Conditions per Pole 73 W                                                                                                                  |
| <b>Rated Current (I<sub>n</sub>):</b>                                   | 2500 A                                                                                                                                                       |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>               | 8 kV                                                                                                                                                         |
| <b>Rated Insulation Voltage (U<sub>i</sub>):</b>                        | 1000 V                                                                                                                                                       |
| <b>Rated Operational Voltage:</b>                                       | 690 V AC                                                                                                                                                     |
| <b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>  | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 85 kA<br>(400 V AC) 85 kA<br>(415 V AC) 85 kA<br>(440 V AC) 85 kA<br>(500 V AC) 65 kA<br>(690 V AC) 50 kA |
| <b>Rated Short-time Withstand Current Low Voltage (I<sub>cw</sub>):</b> | for 1 s 40 A                                                                                                                                                 |
| <b>Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):</b> | (220 V AC) 85 kA<br>(230 V AC) 85 kA<br>(380 V AC) 85 kA<br>(400 V AC) 85 kA<br>(415 V AC) 85 kA<br>(440 V AC) 85 kA<br>(500 V AC) 65 kA<br>(690 V AC) 50 kA |
| <b>Rated Uninterrupted Current (I<sub>u</sub>):</b>                     | 2500 A                                                                                                                                                       |
| <b>Release:</b>                                                         | PR232/P-LSI                                                                                                                                                  |
| <b>Release Type:</b>                                                    | EL                                                                                                                                                           |

Short-Circuit Performance Level:

L

Standards:

IEC

Sub-type:

T8

Terminal Connection Type:

Fixed Circuit-Breakers  
Front

Certificates and Declarations

Data Sheet, Technical Information:

[Tmax. T Generation - Low voltage molded case circuit breakers up to 1200 A - UL 489 and CSA C22.2 Standard](#)

Declaration of Conformity - CE:

[EC Declaration of Conformity Tmax T8](#)

Wiring Diagram:

[Wiring diagram T8](#)

Instructions and Manuals:

[1SDC210033D0202](#)

External Classifications and Standards

ETIM 8:

EC000228 - Power circuit-breaker for trafo/generator/installation protection

ETIM 9:

EC000228 - Power circuit-breaker for trafo/generator/installation protection

IDEA Granular Category Code (IGCC):

4932 >> 3 Pole Non-Interchangeable Trip Electronic Circuit Breakers

Object Classification Code:

Q

UNSPSC:

39121616

WEEE Category:

5. Small Equipment (No External Dimension More Than 50 cm)

eClass:

V11.1 : 27370409



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