**Product data sheet**

**Tmax insulated case circuit-breaker**

**Tmax T8**

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**Type of circuit-breaker**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Tmax T8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1600/2000/2500/3000</td>
</tr>
</tbody>
</table>

**Rated ultimate short-circuit breaking capacity, Icu**

<table>
<thead>
<tr>
<th>V</th>
<th>(AC) 50-60 Hz</th>
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<th>(DC) 50-60 Hz</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>240 V</td>
<td>277 V</td>
<td>347 V</td>
<td>480 V</td>
<td>600 V</td>
<td>600 V</td>
<td>600Y/347 V</td>
<td>600 V</td>
<td>347 V</td>
<td>480 V</td>
<td>600 V</td>
</tr>
</tbody>
</table>

**Trip units:**

- T fixed, M fixed (10xIn) TMF
- T adj., M fixed (10xIn) TMD
- Thermomagnetic T adj., M adj. (5...10xIn) TMA
- T adj., M fixed (3xIn) TMG
- T adj., M adj. (2.5...5xIn) TMG
- Magnetic only M adjustable (6...12xIn) MA
- Electronic PR232/P-T8
- PR331/P
- PR332/P
- Versions F
  - Fixed (F) F-FC CuAl
  - Plug-in (P) HR/VR
  - Withdrawable (W)

**Fixing on DIN rail**

- Mechanical life [No. operations /hourly oper.] 15000/60
  - Electrical life [No. operations /hourly oper.]
    - W [mm] 427/553
    - Basic fixed dimensions 3/4 pole
      - D [mm] 282/282
      - H [mm] 382/382
    - Fixed 3/4 pole
      - [kg] 73/95 up to 2500A
      - 107/140 for 3000A
    - Weights plug-in 3/4 pole
      - [kg] –
    - Withdrawable 3/4 pole
      - [kg] –

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**Compliance with Standards**

- UL489
- CSA C22.2 No. 5.1
- IEC 60947-2
- EC Directive:
  - "Low voltage directives" (LVD) no. 73/23 EEC
  - "Electromagnetic compatibility directive" (EMC) no. 89/336 EEC

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**Power and productivity for a better world™**

**ABB**
Tmax molded case circuit-breakers
Dimensions T8 series

Overall dimensions T8 with front terminals

Fixed circuit breaker - 1600/2000/2500 A

Front terminals – F

Caption

1. Inside edge of compartment door
2. Circuit breaker M8 fixing drilling (use M8 screws)
3. Insulating or metal-insulated wall

Power and productivity
for a better world™
Tmax molded case circuit-breakers
Dimensions T8 series

Overall dimensions T8 with rear vertical terminals

Fixed circuit breaker - 1600/2000/2500 A

Rear vertical terminals – VR

Caption

1. Inside edge of compartment door
2. Circuit breaker M8 fixing drilling (use M8 screws)
3. Insulating or metal-insulated wall
Tmax molded case circuit-breakers
Dimensions T8 series

Overall dimensions T8 with rear vertical terminals

Fixed circuit breaker - 3000 A

Rear vertical terminals – VR

Caption

1. Inside edge of compartment door
2. Circuit breaker M8 fixing drilling (use M8 screws)
3. Insulating or metal-insulated wall