Tmax molded case circuit-breakers

Tmax T1 1p

Type of circuit-breaker | Tmax T1 1p
---|---
Frame | 100

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

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Icu [kA]</th>
</tr>
</thead>
<tbody>
<tr>
<td>(AC) 50-60 Hz 240 V</td>
<td>–</td>
</tr>
<tr>
<td>(AC) 50-60 Hz 277 V</td>
<td>[kA] 18 (1)</td>
</tr>
<tr>
<td>(AC) 50-60 Hz 347 V</td>
<td>[kA] 14 (1)</td>
</tr>
<tr>
<td>(AC) 50-60 Hz 480 V</td>
<td>–</td>
</tr>
<tr>
<td>(AC) 50-60 Hz 600Y/347 V</td>
<td>–</td>
</tr>
<tr>
<td>(AC) 50-60 Hz 600 V</td>
<td>–</td>
</tr>
<tr>
<td>(DC) 250 V-2 poles in series</td>
<td>–</td>
</tr>
<tr>
<td>(DC) 500 V-2 poles in series</td>
<td>–</td>
</tr>
<tr>
<td>(DC) 500 V-3 poles in series</td>
<td>–</td>
</tr>
<tr>
<td>(DC) 600 V-3 poles in series</td>
<td>–</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

**Versions**

- Fixed (F) F-FC CuAl
- Plug-in (P)
- Withdrawable (W)

Choosing on DIN rail

- Option

**Mechanical life**

- [No. operations /hourly oper.]: 25000/240

**Electrical life (at 415 V)**

- [No. operations /hourly oper.]: 8000/120

**Basic fixed dimensions**

- 1 pole
  - W [mm]: 25.4
  - D [mm]: 70
  - H [mm]: 130

**Weights**

- Fixed 1 pole
  - [kg]: 0.4
- Plug-in 1 pole
  - [kg]: –
- Withdrawable 1 pole
  - [kg]: –

(1) In 15A = 10kA @ 277 V AC - 10kA @ 347 V AC

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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Dimensions T1 1p series

Overall dimensions T1 1 pole

1 Depth of the switchboard in the case of circuit breaker with face not extending from the compartment door, with or without flange

2 Depth of the switchboard in the case of circuit breaker with face extending from the compartment door, without flange

5 Insulating plate

Drilling template for support sheet
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