### Emax power circuit-breakers

#### Emax E2.2

**Type of circuit-breaker**

<table>
<thead>
<tr>
<th>Level of performance</th>
<th>B-A</th>
<th>N-A</th>
<th>S-A</th>
<th>H-A</th>
<th>V-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame size</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[A]</td>
<td>1600</td>
<td>1600</td>
<td>800</td>
<td>800</td>
<td>250</td>
</tr>
<tr>
<td>[A]</td>
<td></td>
<td>2000</td>
<td>1200</td>
<td>1200</td>
<td>400</td>
</tr>
<tr>
<td>[A]</td>
<td></td>
<td>1600</td>
<td>1600</td>
<td>800</td>
<td></td>
</tr>
<tr>
<td>[A]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1600</td>
</tr>
<tr>
<td>[A]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2000</td>
</tr>
<tr>
<td>Capacity of neutral pole for 4 pole circuit-breakers</td>
<td>[% Iu]</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Rated short circuit current at max. voltage</td>
<td>254 V</td>
<td>[kA]</td>
<td>42</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>508 V</td>
<td>[kA]</td>
<td>42</td>
<td>50</td>
<td>65</td>
<td>85</td>
</tr>
<tr>
<td>635 V</td>
<td>[kA]</td>
<td>42</td>
<td>50</td>
<td>65</td>
<td>85</td>
</tr>
<tr>
<td>Rated short time current (1s)</td>
<td>[kA]</td>
<td>42</td>
<td>50</td>
<td>65</td>
<td>85</td>
</tr>
</tbody>
</table>

#### Trip units

- Ekip Dip
- Ekip Touch
- Ekip Hi-Touch
- Ekip G Touch
- Ekip G Hi-Touch

#### Trip times

- Break time with fault current < rated short time current
- Break time with fault current > rated short time current

#### Mechanical and electrical life with regular ordinary maintenance

- Mechanical life: [No. Cycles x 1000]
- Operation frequency: [Cycles / hour]
- Electrical life (at max. voltage): [No. Cycles x 1000]
- Operation frequency: [Cycles / hour]

#### Weights (circuit breaker complete with trip unit, Horz. rear terminals, CS. Excluding accessories)

- Fixed (3p/4p) [kg]: 52/67
- Fixed (3p/4p) [lbs]: 115/148
- Draw out (3p/4p) [kg]: 58/68
- Draw out (3p/4p) [lbs]: 128/150

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**Common data**

- UL 1066
- Rated voltage: 600 V AC
- Rated maximum voltage: 635 V AC
- Test voltage (1 min. 50/60 Hz): 2.2 kV
- Frequency: 50 - 60 Hz
- Number of poles: 3 - 4
- Version: Fixed (F) - Drawout (W)
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