BELLS, BUZZERS AND MODULAR TRANSFORMERS
## Bells, buzzers and modular transformers

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
<th>Supply voltage</th>
<th>Output voltage</th>
<th>Qty</th>
<th>Wt per pkg</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBE 012A</td>
<td>Modular bell</td>
<td>12</td>
<td>–</td>
<td>1</td>
<td>0.07</td>
</tr>
<tr>
<td>CBE 230A</td>
<td>Modular bell</td>
<td>230</td>
<td>–</td>
<td>1</td>
<td>0.072</td>
</tr>
<tr>
<td>CBZ 230A</td>
<td>Modular buzzer</td>
<td>230</td>
<td>–</td>
<td>1</td>
<td>0.063</td>
</tr>
<tr>
<td>CTRB 15VA</td>
<td>Modular transformer for 15VA bell</td>
<td>230</td>
<td>12</td>
<td>1</td>
<td>0.339</td>
</tr>
</tbody>
</table>

### General and operational characteristics
- Sound intensity, distance 1m: buzzer 80dB, bells 84dB
- Power consumption: 10VA (5VA for CBE 012A)
- Operating temperature: -10...+55°C (-10...+40°C for CTRB 15VA)
- Storage temperature: -40...+80°C
- Conductor section (min...max): 0.5...1.5mm²
- Tightening torque: 0.5Nm
- Screw terminals: M3
- DIN modules: CBE... 1 module
  - CBZ... 1 module
  - CTRB 15VA 2 modules
- CTRB 15... can only be used for bell power supply (intermittent operation).

### Reference standards
Compliant with standards: IEC/EN62080.

## Modular safety transformers

<table>
<thead>
<tr>
<th>Order code</th>
<th>Power</th>
<th>Supply voltage</th>
<th>Output voltage</th>
<th>Qty</th>
<th>Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTRS 15VA</td>
<td>15</td>
<td>230</td>
<td>12...24</td>
<td>1</td>
<td>0.477</td>
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<tr>
<td>CTRS 25VA</td>
<td>25</td>
<td>230</td>
<td>12...24</td>
<td>1</td>
<td>0.582</td>
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<td>CTRS 40VA</td>
<td>40</td>
<td>230</td>
<td>12...24</td>
<td>1</td>
<td>0.846</td>
</tr>
<tr>
<td>CTRS 63VA</td>
<td>63</td>
<td>230</td>
<td>12...24</td>
<td>1</td>
<td>1.319</td>
</tr>
</tbody>
</table>

### General and operational characteristics
- Safety transformers suitable for continuous operation
- Operating temperature: -10...+25°C
- Storage temperature: -40...+70°C
- Conductor section (min...max): 0.5...10mm²
- Tightening torque: 1Nm
- Screw terminals: M4
- DIN modules: CTRS 15VA 2 modules
  - CTRS 25VA 3 modules
  - CTRS 40VA 4 modules
  - CTRS 63VA 6 modules.

### Reference standards
The products described in this publication are subject to be revised or improved at any moment. Catalogue descriptions and details, such as technical and operational data, drawings, diagrams and instructions, etc., do not have any contractual value. In addition, products should be installed and used by qualified personnel and in compliance with the regulations in force for electrical systems in order to avoid damages and safety hazards.