Autotransformer

**AIM 16/8**

### Advantages
- Low weight and small size (compared to isolating transformers)
- Integrated short-circuit and overload protection
- Very high efficiency
- Very good moisture protection and low noise thanks to XtraDenseFill resin encapsulation (AIM 1.8/8 - AIM 5.0/2.5)
- Screw terminals under cover with strain relief

### Applications
Autotransformer for adjustment of the voltage on the input and output sides with no requirement for electrical isolation.

### Sample application

![Sample application diagram]

### Standards
Autotransformer

to: VDE 0570 Part 2-13, DIN EN 61558-2-13, EN 61558-2-13,
IEC 61558-2-13

### Approvals

![EAC logo]
## Autotransformer
### AIM 16/8

<table>
<thead>
<tr>
<th>Type</th>
<th>AIM 16/8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input</strong></td>
<td></td>
</tr>
<tr>
<td>Rated input voltage</td>
<td>115 Vac/220 Vac/230 Vac/240 Vac</td>
</tr>
<tr>
<td>Rated frequency</td>
<td>50 - 60 Hz</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td></td>
</tr>
<tr>
<td>Rated output voltage</td>
<td>115 Vac/220 Vac/230 Vac/240 Vac</td>
</tr>
<tr>
<td>Rated output current</td>
<td>8.00 A (PRI 115; SEC 220-240); 16.00 A (PRI 220-240; SEC 115-240)</td>
</tr>
<tr>
<td>No-load loss (typ.)</td>
<td>21.00 W</td>
</tr>
<tr>
<td><strong>Environment</strong></td>
<td></td>
</tr>
<tr>
<td>Ambient temperature max.</td>
<td>40 °C</td>
</tr>
</tbody>
</table>

**Safety and protection**
- Type: Enclosed
- Insulation class: B
- Protection index: IP 20
- Safety class: I
- Short circuit strength: non-inherently short-circuit proof

**Order numbers**
- Order Number: AIM 16/8

### Terminal and mounting
- Fixing method: Fixing holes in the housing
- Terminals: Screw-type terminal

### Measures and weights
- Weight: 16.5 kg

### Mechanical data

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Subject to change.