Feonic 10W 4Ω 100V line transformer

The Feonic 10W 4Ω 100V line step down transformer has been specially designed to work with the F4PRO Audio Drives at optimum performance on commonly used 100V PA distribution systems.

The transformer allows the F4PRO to be connected to a 100V line distribution amplifier and is available separately or integrated with the F4PRO drive in an IP65/68 rated enclosure.

Key benefits

The Feonic 10W 4Ω 100V line transformer has been specially designed to work with F4PRO drives so can be used on large PA distribution systems or simply where a string of F4PRO need connecting to a single amplifier with minimum cabling.

If the F4PRO drive and transformer are integrated into a suitable IP rated enclosure, the drive can be used in outdoor and other hostile environments.

Typical applications

Feonic F-Drives can be mounted on the rear of the panel so offer designers amazing freedom to use curvaceous and non linear forms without the need for unsightly speaker boxes. The F4PRO is particularly suited for applications where a low profile sounder is required for moderate sound levels such as;

- Retail POS advertising – www.whisperingwindow.com
- Walls and installed furniture including baths and mirrors
- Outdoor – walkways and nature trail audio signage
- Public buildings and schools – sound reinforcement
- Tone generation, e.g. open-close for platform doors

Technical Specification

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<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Input</td>
<td>100VAC</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>100Hz – 20kHz</td>
</tr>
<tr>
<td>Output</td>
<td>10W</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>-20°C to +50°C (°F to 122°F)</td>
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<tr>
<td>Storage temperature range</td>
<td>-30°C to +85°C (°F to 185°F)</td>
</tr>
<tr>
<td>Impedance (audio)</td>
<td>4Ω</td>
</tr>
<tr>
<td>DC Resistance Total Primary</td>
<td>106.5 ohms +/- 15%</td>
</tr>
<tr>
<td>DC Resistance Secondary</td>
<td>0.3 ohms +/- 15%</td>
</tr>
<tr>
<td>Primary Inductance</td>
<td>Pins 15-11@1kHz, 0.1V: 2H nom</td>
</tr>
<tr>
<td>Hi Pot (Primary to Secondary)</td>
<td>1kVAC for 2 seconds</td>
</tr>
<tr>
<td>Weight</td>
<td>190g</td>
</tr>
<tr>
<td>Dimensions</td>
<td>66.7mm (W) x 33mm (D) x 37mm (H)</td>
</tr>
<tr>
<td>Box dimensions</td>
<td>85mm (W) x 66mm (D) x 70mm (H)</td>
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<tr>
<td>Carton dimensions</td>
<td>TBA</td>
</tr>
<tr>
<td>Carton Weight</td>
<td>TBA</td>
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To download specifications visit www.feonic.com/downloads or scan the QR code using your mobile device.