Description: Safety isolating transformer constructed and tested according to VDE 0570/EN 61 558, UL 506, CSA 22.2

Approvals: According to table

Test voltage: PRI - SEC 5000 V, 50 Hz

Short-circuit protection: non-short-circuit proof

Construction: Open design, potted in insulation housing

Safety class: Prepared for class II equipment

Protection index: Connections IP 00, Housing IP 65

Max ambient temperature: According to table

Insulation class of the insulation system: VDE (B= 130°C) ; UL+CSA Class 105 (A=105°C)

Input voltage: 2 x 115V

Frequency: 50 - 60 Hz

Output voltage: According to table

Connections: Soldering pins for printed circuit board mounting

Packing: Separately packed in cartons

Schematic plan:

 transformer specification updated 07/2001
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These AVCM type resin moulded safety isolating transformers, are non-short-circuit proof transformers for PCB mounting. The dual input and output windings are for series or parallel connection.

Note:
* vacuum epoxy resin moulded (self-extinguishing to UL 94 V0)
* 100% tested
* Two chamber bobbin construction

**Output power 25 VA** Core-type EI 60/25.5

Height 49.2 mm Weight 610g
Ground area 81.2 mm x 55 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>SEC rated output-voltage</th>
<th>Approvals</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>V</td>
<td>A</td>
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<td>2x6</td>
<td>2x2,083</td>
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<td>AVCM 25/2/15</td>
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<td>2x0,833</td>
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<tr>
<td>AVCM 25/2/24*</td>
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Pinning:
Input: 2 x 115V... (1-3) and (5-7)
Output.............. (9-8) and (14-13).

No load output voltage x Factor = typ. 1.12
Core Losses         typ. 1.9 W
Efficiency           typ. 82 %
Ambient Temperature (ta) +40°C

Approvals

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transformer specification updated 07/2001

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Height 48,5 mm  Weight 750g  Ground area 87,2 mm x 60 mm

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<tr>
<th>Type</th>
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</table>

*according to VDE 0570/EN 61 558 -1 : 1997 with part 2-1

Pinning:
Input: 2 x 115V... (1-4) and (5-8)
Output............. (10-9) and (15-14).

No load output voltage x Factor = typ. 1,11
Core Losses typ. 2,5 W
Efficiency typ. 83 %
Ambient Temperature (ta) +40°C

Approvals

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transformer specification updated 07/2001
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