

# For lower-energy lighting

Tufvassons have a wide range of transformers and over fifty years' experience of making them ourselves. We offer safe lighting transformers with low running costs, and help you to select the right one. If you need a product that is not available, we will ensure it is made.



## More light and safer lighting with the right transformer

The transformer is suitable for all kinds of low-voltage lighting, for 12 V AC and optimum efficiency in the light source. The light source will last longest if the recommendation for minimum loading is followed. The transformer is easy to install (keyhole socket) and to connect. The connection glands are specially designed to fit tightly round the cable. And of course, the product also has short-circuit and overload protection, and complies with the insurance companies' requirement for self-extinguishing plastic in the housing.

<b>Type:</b>	<b>PVS 301</b>
<b>Part.no.:</b>	<b>6009-0085</b>
<b>Input voltage:</b>	230V, 50-60 Hz; (N - L)
<b>Output voltage:</b>	11.5V
<b>Lamp power:</b>	max. 300 W (25A), min. 10 W
<b>Weight:</b>	3.9 kg
<b>Encapsulation class:</b>	IP54
<b>Insulation class:</b>	4.2 kV
<b>Ambient temperature:</b>	max 25 °C (at 35 °C, the transformer can supply a load of max. 260 W)
<b>Design:</b>	<ul style="list-style-type: none"> <li>- Transformer potted in hard-setting plastic, with grey encapsulation made from impact resistant, self extinguishing thermoplastics.</li> <li>- Double insulated (earth connection not required).</li> <li>- Primary entry gland for cable diameter max. 13 mm, 2-pole 4 mm<sup>2</sup> terminal.</li> <li>- Secondary cable entry gland for cable diameter max. 19.5 mm, 2-pole 10 mm<sup>2</sup> terminal.</li> <li>- Short circuit and overload protected with a resettable circuit protector.</li> <li>- Max torque for the screw terminal is 0.5 Nm for 4 mm<sup>2</sup> and 1,2 Nm for 10 mm<sup>2</sup>.</li> </ul>
<b>Mounting:</b>	Mounting with 3 screws. The upper 2 holes are keyhole sockets.
<b>Manufacturing standard:</b>	Security: EN 61 558-1; EN 61 558-2-6 Emissions: EN 61 000-6-3; EN 61 000-6-4, IEC 62041 Immunity: EN 61 000-6-1; EN 61 000-6-2, IEC 62041
<b>Other information:</b>	If demanded by the installation regulations, the transformer must be connected by an all-pole switch in permanent installations. <b>NOTE!</b> Not be used with light control unit.



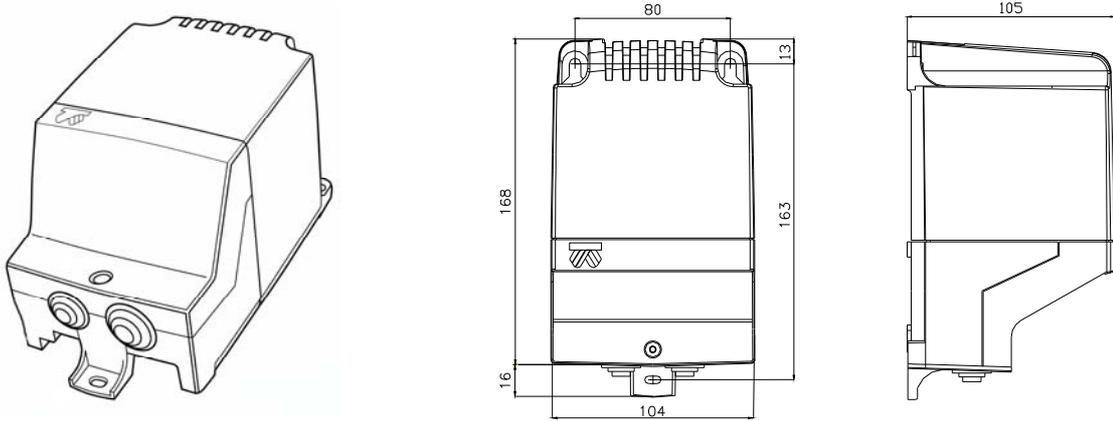
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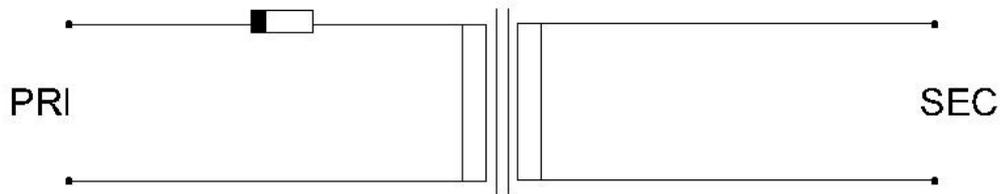
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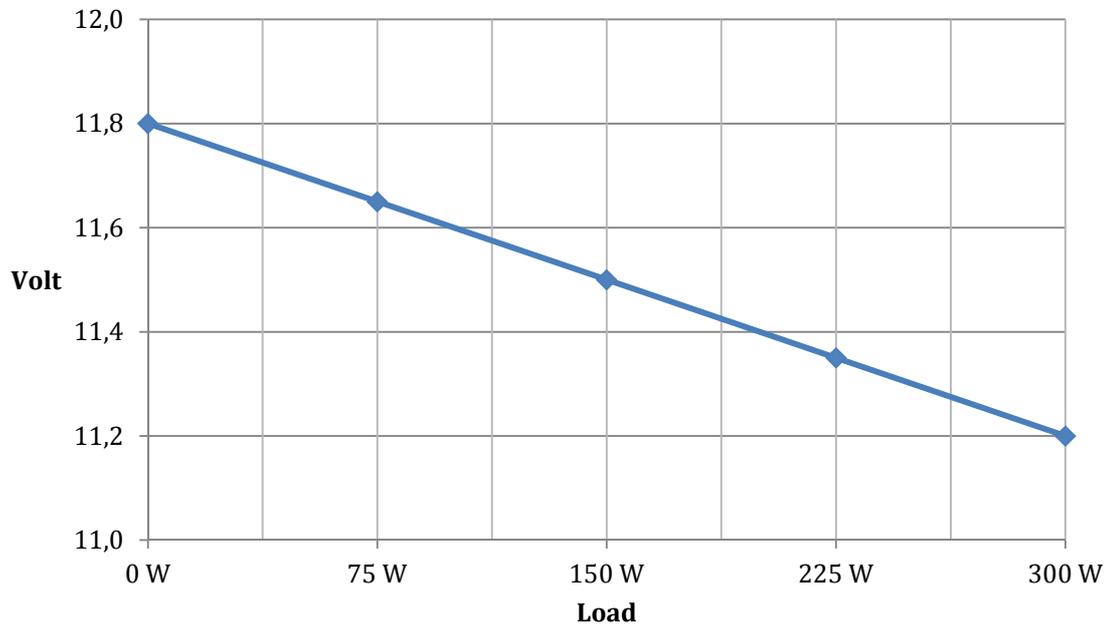
## Product illustration



## Wiring diagram



## Loading diagram



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