

# Meets the requirements of the energy sector

Tufvassons has a wide range of transformers and over fifty years' experience of making them ourselves. We offer transformers for environments that set high requirements on insulation and safety, the energy sector for example. We help you to make the correct choice, and if you need a product that is not available, we ensure it is made.



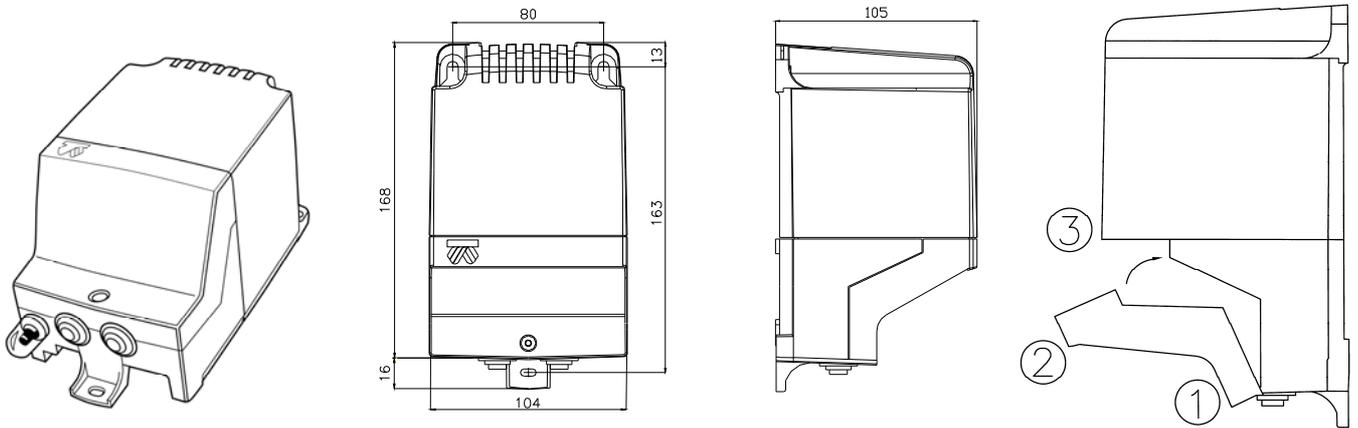
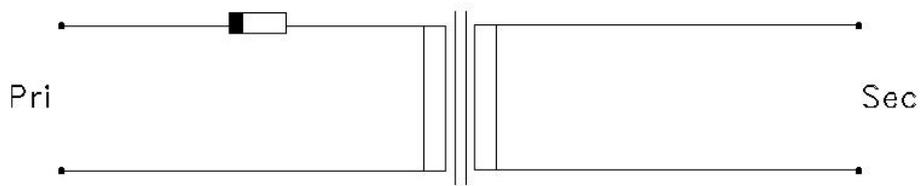
## Ideal for low voltage installations

The transformer is used when there are greater demands on insulation and safety than normal. It is suitable for voltage feed in SELV and PELV installations such as monitoring systems, temperature control, lighting and alarms. The connection glands are specially designed to fit tightly round the cable. It goes without saying that the transformer also has short circuit and overload protection, and also complies with the insurance companies' requirement for self-extinguishing plastic in the housing.

<b>Type:</b>	<b>PVS 151</b>
<b>Part. no.:</b>	<b>6024-0194</b>
<b>Input voltage:</b>	230V, 50-60 Hz; (N - L)
<b>Output voltage:</b>	24V
<b>Rated power:</b>	150 VA (6,2A)
<b>Weight:</b>	2.7 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. 130 VA)
<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, resettable over-current protection 1A.</li> <li>- Primary entry gland for cable diameter max. 14 mm, 2-pole 4 mm<sup>2</sup> terminal.</li> <li>- Secondary entry gland for cable diameter max. 14 mm, 2-pole 4 mm<sup>2</sup> terminal.</li> <li>- Channels for installation cable underneath the transformer.</li> <li>- Max torque for the terminal block is 0.5 Nm.</li> </ul>
<b>Mounting:</b>	Wall mounting with 3 screws.
<b>Manufacturing standard:</b>	Security           EN 61558-1; EN 61558-2-6 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 required for the installation in question, the transformer must be connected by an all-pole switch in permanent installations.



## Wiring diagram and product illustration



## Loading diagram

