

# Secure safety solutions

Tufvassons has a wide range of transformers and over fifty years' experience of making them ourselves. We can guide you to the correct power supply for alarms, access systems, camera surveillance and locking equipment. If you need a product that is not available, we will ensure it is made.



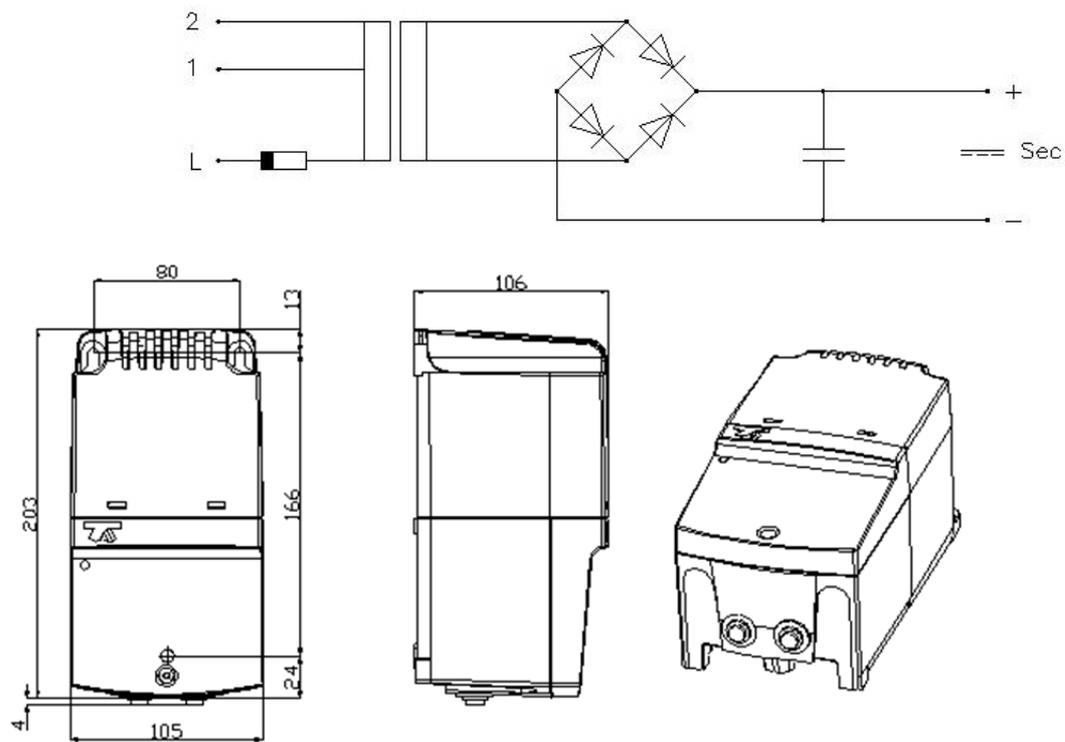
## Safe power supply for access systems and surveillance

The transformer is adapted for the security field and is often used to supply power to access systems and signalling devices. It is very resistant to short-term overloading. Installation (keyhole socket) and connection is simple – and the connection glands are specially designed to fit tightly round the cable. Just like other Tufvassons' products, the transformer has short circuit and overload protection. It also complies with the insurance companies' requirement for self-extinguishing plastic in the housing.

<b>Type:</b>	<b>PVLF 61</b>
<b>Part. no.:</b>	<b>8524-0054</b>
<b>Input voltage:</b>	230V, 47-63 Hz. N - L
<b>Output voltage:</b>	24Vdc (filtered, linear)
<b>Rated power:</b>	60 VA (2.5 A)
<b>Weight:</b>	2.7 kg
<b>Encapsulation class:</b>	IP54
<b>Insulation class:</b>	4.2 kV
<b>Ambient temperature:</b>	max 40 °C
<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>- Protected against short circuit and overload with primary, resettable over-current protection 0.6A.</li> <li>- Primary entry gland for cable diameter max. 14 mm, 3-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>- Max torque for the screw terminal is 0.5 Nm.</li> <li>- Conventional iron core transformer with diode bridge and condenser for rectification.</li> </ul>
<b>Mounting:</b>	Wall mounting with 3 screws. Upper holes are keyhole slots.
<b>Manufacturing standard:</b>	LVD: EN 61 558-1; EN 61 558-2-6 EMC: EN 61204-3
<b>Other information:</b>	If required for the installation in question, the transformer must be connected by an all-pole switch in permanent installations. With low load the output voltage can be decreased by 10% through reconnection on terminal block, to lower the output voltage connect N on 2.



## Wiring schedule and Product illustration



## Loading diagram

