

# 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 alarms

The transformer is used when there are greater demands on isolation and safety than normal. It is suitable for voltage feed in SELV and PELV installations such as monitoring systems, temperature control and alarms. Naturally the transformer also has short-circuit and overload protection, as well as complying with the insurance companies' requirement for self-extinguishing plastic in the housing.

<b>Type:</b>	<b>PSS 32</b>
<b>Part. no.:</b>	<b>6012-0032</b>
<b>Input voltage:</b>	230V, 50-60 Hz; (N - L)
<b>Output voltage:</b>	12 V
<b>Rated power:</b>	32 VA (2.6A)
<b>Weight:</b>	0.8 kg
<b>Encapsulation class:</b>	IP40
<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>- Short circuit and overload protection with PTC-device, to reset tripped current protection disconnect mains voltage for 10 seconds.</li> <li>- Primary terminal 2-pole, 2.5 mm<sup>2</sup> max. torque 0.25 Nm.</li> <li>- Secondary terminal 2-pole, 2.5 mm<sup>2</sup> max. torque 0.25 Nm.</li> </ul>
<b>Mounting:</b>	Snap fastening on 35 mm DIN-rail in cubicle or standard box, alternatively wall mounting with screw.
<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.



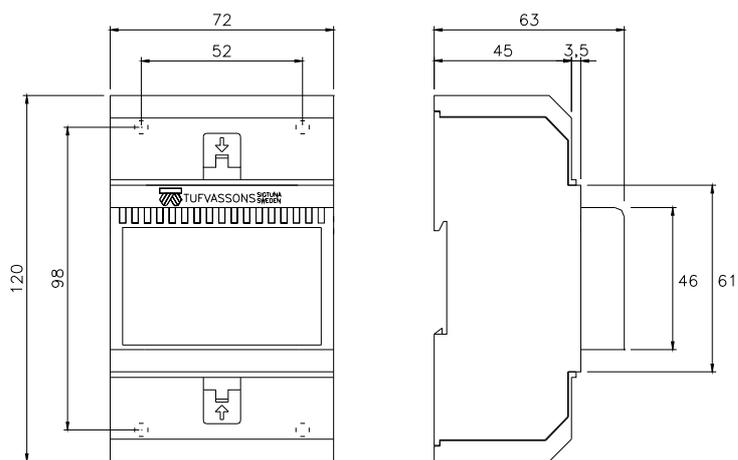
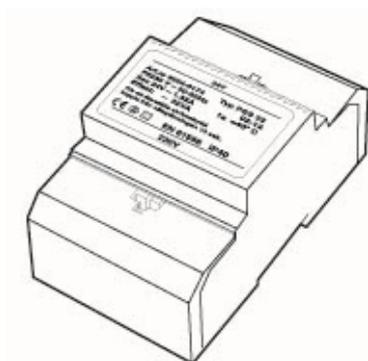
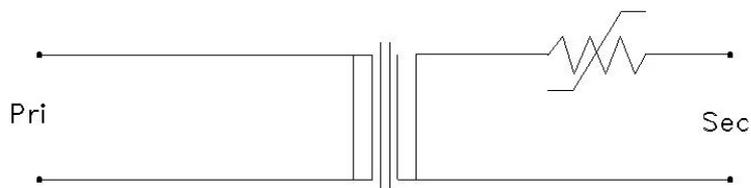
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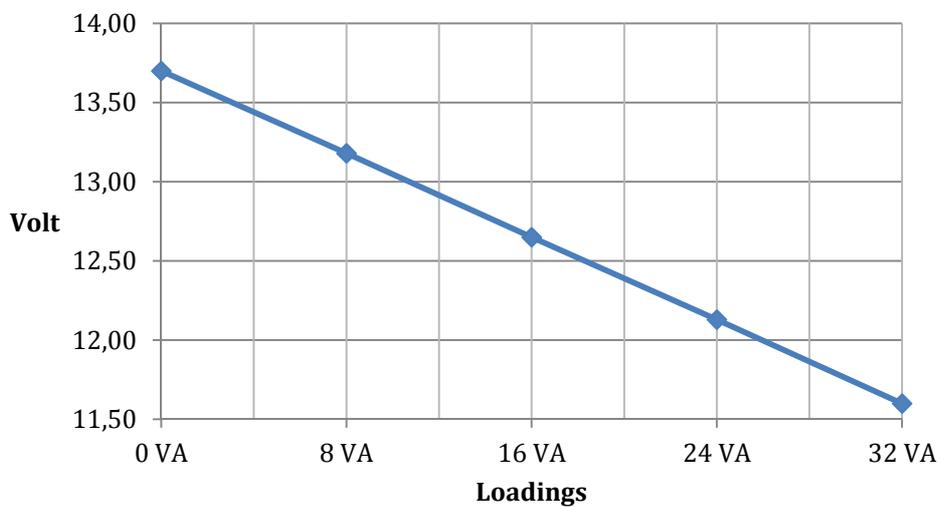
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## Wiring schedule and Product illustration



## Loading diagram



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