

Meets the requirements of the energy sector

Tufvassons have 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.



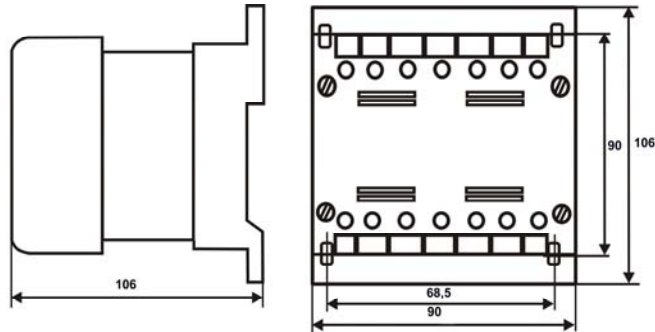
Ideal for low voltage applications, installation on a TS35 rail

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. Connection is made to clearly marked terminals, with space for 2 x 2.5 mm² conductors. Naturally, we comply with the insurance companies' requirements for self-extinguishing plastic.

Type:	PTM 100						
Part.no.:	6080-0025						
Input voltage:	230-400V, 50-60 Hz; (N – L ₁ or L ₁ -L ₂)						
Output voltage:	12V + 12V 12V parallel connection, 24V series connection						
Rated power:	100 VA (4 A)						
Weight:	1.9 kg						
Encapsulation class:	IP20						
Insulation class:	4.2 kV						
Ambient temperature:	max 40 °C (at 50 °C, the transformer can supply a load of max. 85 VA)						
Design:	<ul style="list-style-type: none"> - Base and top made from grey, impact resistant, self-extinguishing thermoplastic (V0). - Primary and secondary terminals for max. 2 x 2.5 mm² conductors. - Max torque for the terminal block is 1.2 Nm. 						
Installation:	On TS35 rail or with 4 screws.						
Manufacturing standard:	<table> <tr> <td>Security</td> <td>EN 61558-1; EN 61558-2-6</td> </tr> <tr> <td>Emissions:</td> <td>EN 61 000-6-3; EN 61 000-6-4, IEC 62041</td> </tr> <tr> <td>Immunity:</td> <td>EN 61 000-6-1; EN 61 000-6-2, IEC 62041</td> </tr> </table>	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
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Other information:	Fused on installation, max 2 x 4A. One secondary winding can be used for 12 V 4A loading. If demanded by the specific installation, the transformer must be connected by an all-pole switch in permanent installations.						

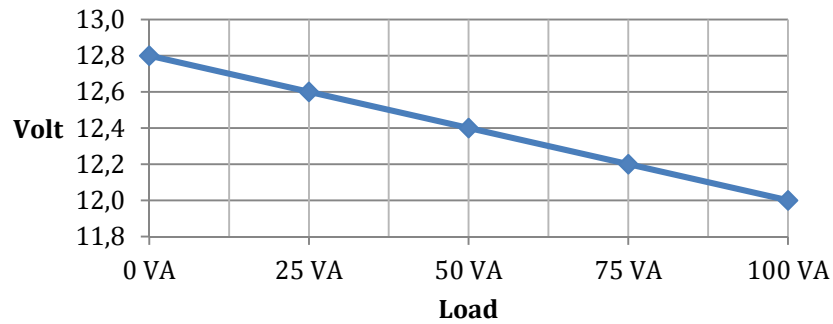


Wiring schedule and product illustration



Loading diagram

Parallell connectee



Series connected

