

TRANSFORMER



- Double-isolated transformer
- 3.75 kVAC isolation voltage
- 30 VA ring core transformer
- Thermal overload protection
- 12 or 24 VAC secondary voltage
- Standard 11-pole relay socket



Applications:

Transformer for supply of components with 12 or 24 VAC supply voltage. Transformer for stabilised DC power supplies, e.g. type 2229.

Technical characteristics:

Ring core transformer with separate 3.75 kVAC isolation voltage between primary and secondary windings. The transformer is fitted with a thermal 100°C fuse. Two transformers may be paralleled for higher output power. The transformer is moulded into the cassette and should be mounted with 10 mm distance to the adjacent cassette for optimal cooling. The load diagram shows the relation between the ambient temperature and maximum VA output. The module is supplied with a retention clip for a safe attachment to the relay socket.

Mounting:

The 2240 is for standard 11-pole socket mounting in all positions. To achieve maximum cooling of the module, mounting in a vertical position at a distance of 10 mm between neighbouring units is recommended.

Input:

Standard primary voltages of 115 or 230 VAC. Special primary voltages may be delivered, but are not kept in stock.

Output:

Standard secondary voltages of 12 or 24 VAC. Max DC power after rectification and stabilisation: 20 W. Special secondary voltages may be delivered, but are not kept in stock.

Electrical specifications:

Specifications range:

(@ -20°C to +60°C)

Common specifications:

Isolation, test / operation	3.75 kVAC / 250 VAC
Power derating	Tamb. > 25°C, 0.4 VA/°C
EMC immunity influence	< ±0.5 % of span
Relative air humidity	< 95% RH (non-cond.)
Dimensions (HxVxD)	80.5 x 35.5 x 84.5 mm
Tightness	IP50
Weight	600 g

Input:

Primary voltage	230 VAC ±10%
	115 VAC ±15%
Frequency	50...60 Hz

Output:

Secondary voltage (loaded)	24 VAC / 1.25 A
Secondary voltage (unloaded)	28 VAC

Secondary voltage (loaded)	12 VAC / 2.50 A
Secondary voltage (unloaded)	14 VAC

Observed authority requirements: Standard:

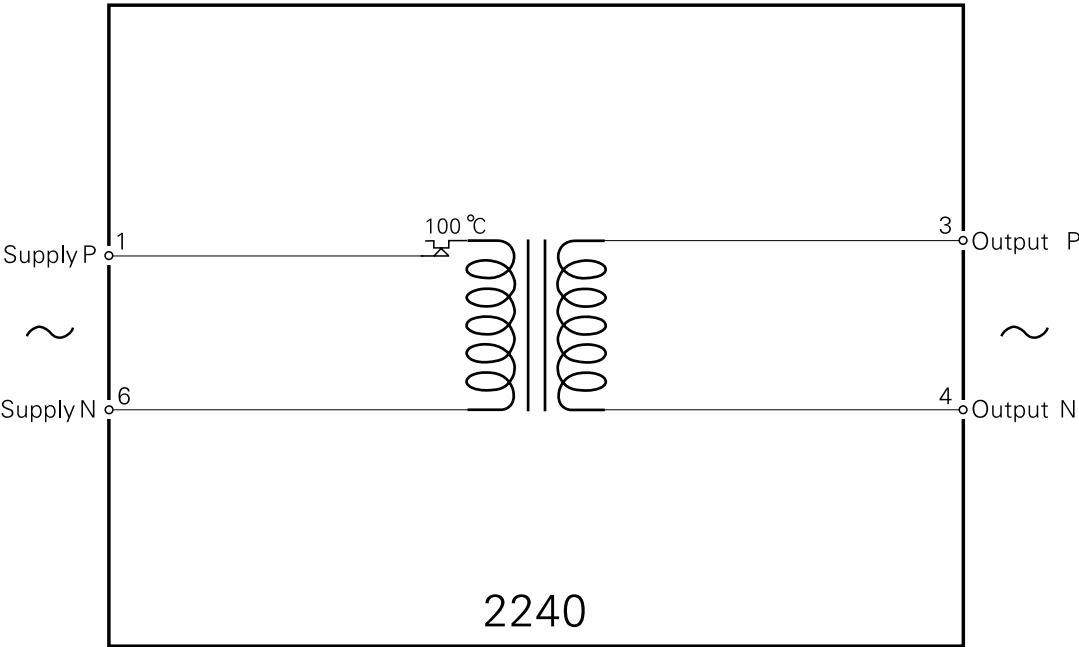
EMC 89/336/EEC, Emission	EN 50 081-1, EN 50 081-2
Immunity	EN 50 082-2, EN 50 082-1
Emission and immunity	EN 61 326
LVD 73/23/EEC	EN 61 010-1
PELV/SELV	IEC 364-4-41 and EN 60 742

Of span = Of the presently selected range

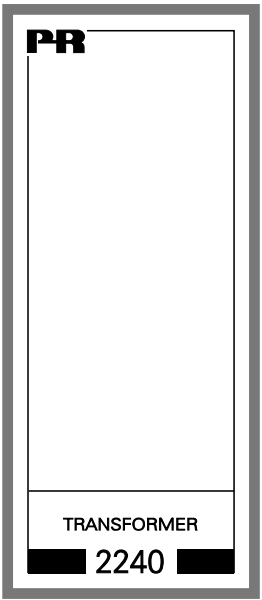
Order : 2240

Type	Input		Output	
2240	115 VAC	: A	Special	: 0
	230 VAC	: B	24 VAC	: 1
	Special	: X	12 VAC	: 5

Block diagram:



Front layout:



Maximum power output:

