

**ELECTRICAL SPECIFICATIONS**

Input voltage range

85 to 265Volts AC

85 to 370V DC

Input Frequency 47 to 63 Hz

Output voltage accuracy : see table for 10 to 100% rated load of each output (includes line and load variations)

No load input power &lt; 200mW

Energy consumption and efficiency : Meets requirements of Energy Star or EC Code of Conduct

The 2 outputs share a common 0v reference.

This enables closer coupling and a better cross-regulation of the outputs

**SAFETY**

Prepared for Class II – reinforced insulation

Operating ambient temperature:

- 25°C / + Ta (See table)

Storage temperature: - 40°C / + 85°C

Input protection by integrated fusible resistor

Output short circuit protection: automatic restarts when fault condition is removed

Thermal shutdown with automatic recovery if internal temperature exceeds allowable value



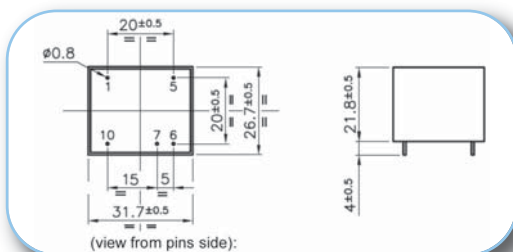
COMMON OUTPUT						
Reference	Output 1 Output 2 (DC Volts)	Output 1 Output 2 (DC mA)	Output Power (W)	Output 1 Output 2 accuracy	Efficiency (%)	Ta (°C)
47243	+10.5 +7	380 max 100 max	4 *	± 3% +15%	72	+60
47244	+ 15 +7	300 max 70 max	4 *	± 3% ± 15%	73	+60
47245	+12 +5.5	130 max 300 max	3.2	± 5% ± 10%	65	+70
47246	+5 +12	400 (600max) 170 max	4	± 3% ± 15%	65	+60
47247	+15 -15	130 max 130 max	4	± 8% ± 8%	73	+60

\* Nota: Power up to 5W is possible with input voltage  $\geq 97$  Vac and  $T_a \leq 50^\circ\text{C}$ 

ISOLATED OUTPUT						
Reference	Output 1 Output 2 (DC Volts)	Output 1 Output 2 (DC mA)	Output Power (W)	Output 1 Output 2 accuracy	Efficiency (%)	Ta (°C)
47252	5 5	350 (600max) 350 max	3.5	± 3% +15%	66	+60
47254	12 12	165 (300max) 165 max	4	± 5% ± 15%	72	+60
47255	15 15	135 (200max) 135 max	4	± 5% ± 15%	73	+60
47257	5 12	400 (600max) 170 max	4	± 3% ± 15%	68	+60
47258	18 8	150 (200max) 150 max	4	± 5% ± 15%	72	+60

**COMMON OUTPUT**

Input / Output Isolation test voltage: 4000 Vac

**DIMENSIONS and PINOUT**

5 pins

pins 1 &amp; 5 : AC or DC Input

pin 6: Common output 0V

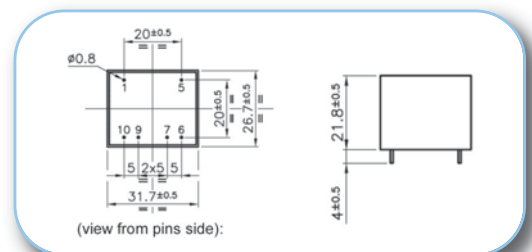
pin 7: DC output 1

pin 10: DC output 2

**ISOLATED OUTPUT**

Input / Output Isolation test voltage: 4000 Vac

Output1 / Output 2 isolation : 4000Vac

**DIMENSIONS and PINOUT**

6 pins

pins 1 &amp; 5 : AC or DC Input

pin 6: DC output1 0V

pin 7: DC output1 +V

pin 9: DC output2 0V

pin 10: DC output2 +V