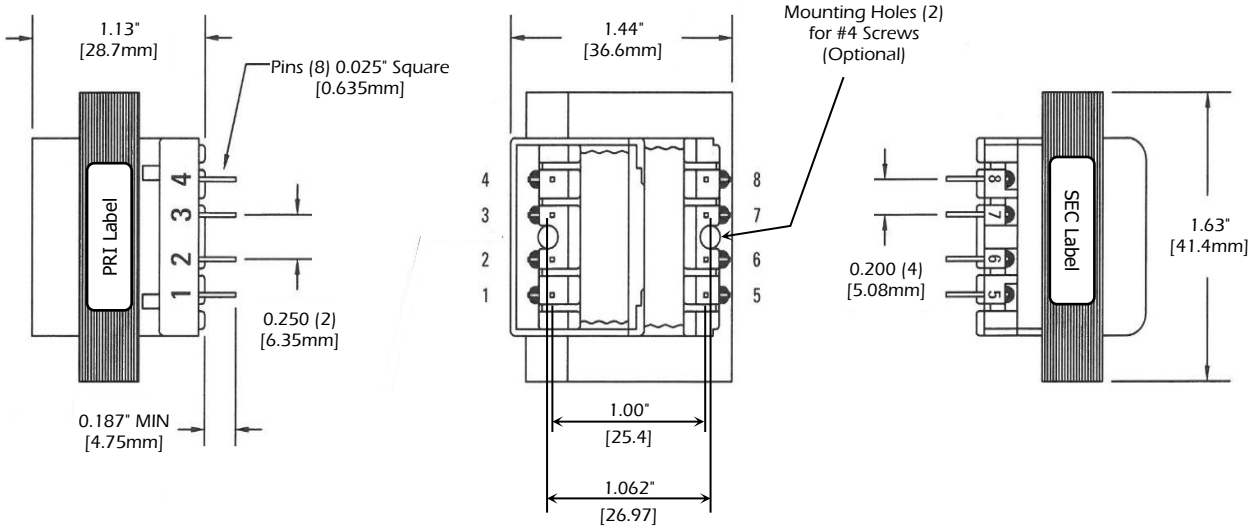
SPW-1000

SPW-1000 Series Feartures:

* Rating: 2.5VA
* Dual 115/230V inputs, dual (series/parallel) outputs, (see schematic notes below).
* Approved for US and Canada, International-capable.
* Flame-retardant bobbin/shroud (UL 94 V0).
* 100% tested for PRI-SEC hi-pot at 4000VAC.
* Side-by-side inputs and outputs (no electrostatic shield required).
* Coated to resist dust and moisture.



SPW-100x
115/230V 50/60Hz
(Agency Class)
130R1

PRI Label

"x" is replaced by last digit of model number

Agency Classes:
(see Chart below, and Certifcation note)
* Class 2
** Class 2 Not Wet, Class 3 Wet
*** Class 3

PAR xxV 0.xxxA
SER xxV 0.xxxA
172-YYWW

SEC Label
("YYWW" replaced by current date code)

Dimensions are for reference only.

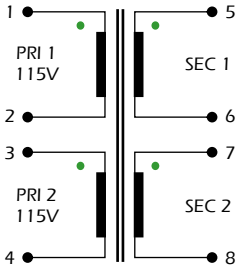
MODEL	Series Rating	Parallel Rating
SPW-1000*	10VCT @ 0.25A	5V @ 0.50A
SPW-1001**	12.6VCT @ 0.20A	6.3V @ 0.40A
SPW-1002**	16VCT @ 0.15A	8V @ 0.30A
SPW-1003**	20VCT @ 0.12A	10V @ 0.24A
SPW-1004***	24VCT @ 0.10A	12V @ 0.20A
SPW-1005***	28VCT @ 0.09A	14V @ 0.18A
SPW-1006***	36VCT @ 0.07A	18V @ 0.14A

PRI 1 and PRI 2 must ALWAYS be inter-connected, either in parallel or series.
SEC 1 and SEC 2 must ALWAYS be inter-connected, either in parallel or series.

INPUT CONNECTIONS
(Apply input across 1-4)

For 115V, tie 1 to 3, and tie 2 to 4.

For 230V, tie 2 to 3.



OUTPUT CONNECTIONS
(Draw output across 5-8)

For parallel, tie 5 to 7, and tie 6 to 8.

For series, tie 6 to 7.

CERTIFICATIONS & DECLARATIONS

* **UL 5085-3** Class 2 and Class 3, for U.S. and Canada, File E49606, or CSA File 063944.
  NOTE: Class 2/Class 3 recognitions require an external fuse to be added by the customer in the input circuit. If configured for 115V input, Littelfuse 218.063. If configured for 230V, Littelfuse 218.032.
* **UL 1446** Class B (130°C) Insulation System, File E95662
* **RoHS** and **REACH** Compliant
* California **Prop 65** warning:
  These products may contain chemicals known to the State of Califronia to cause cancer, and birth defects or other reproductive harm.

REV	DATE	DESCRIPTION	BY
0	31-May-2021	Acquired from Prem Magnetics. Released for Production.	SDE

115/230V 50/60Hz
2.5VA

ENSIGN
THE FLAGSHIP OF CUSTOM MAGNETICS SINCE 1939

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Bellevue, Iowa 52031 USA
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