

International Series-Standard Profile

Prem Magnetics, Inc. • 3521 North Chapel Hill Road • McHenry, IL 60050 • Tel: 815-385-2700 • Fax: 815-385-8578 • E-Mail: sales@premmag.com • Website: http://www.premmag.com

Perhaps the Most Approved Transformers in the World!



▲ Superior Design

- Shrouded primaries/three flange bobbins
- No electrostatic shield required.
- Immersed in 100% solids epoxy to withstand most aqueous and solvent cleaning systems.
- Anchor, insulating and crossover tapes, and shrouded primaries.
- Two distinct, separate windings for each primary and secondary assure excellent HIPOT capability between these dual windings.
- Bobbin and shroud material - UL94V0.
- SPW-3600 Series interchangeable with non-VDE units such as Prem's SPW-600-D Series.

▲ 100% Final Tested

- Every transformer is tested on automated panels for induced voltage (shorted turns), exciting current, open circuit voltage (turns ratio), polarity (phasing) and dielectric strength.
- 4500 VRMS dielectric strength (HIPOT) pri - sec

(1) Does not apply to SPW-3600 Series (2) Applies only to SPW-3600 Series

Fuse Types/Values Used to Gain Safety Agency Component Recognition(s)					
SPW-Part	1000-1006	1100-1106	1200-1206	1301-1306 ¹	3600-3609
Circuit Location	Primary	Primary	Primary	Primary ¹	Primary
Fuse P/N	115Vin 230Vin	218.063 218.032	MDL-1/8 MDL-1/16	MDL-2/10 MDL-1/10	MDL-3/10 ¹ MDL-15/100 ¹
Fuse Mfr	L ²	B ²	B ²	B ²	L ²

Notes: ¹ SPW-1300 Req's Sec. Fusing - Contact Factory; ² Littelfuse, Inc.; Des Plaines, IL; ³ Busmann/Cooper, St. Louis, MO

SPW-1000
2.5 VA

SPW-1100
5.0 VA

SPW-1200
10.0 VA

SPW-1300
20.0 VA

SPW-3600
12.0 VA

Optional Mounting Hole*

SPW-1000, SPW-1100, SPW-1200 & SPW-3600 Series BOTTOM VIEW

Square PC Terminals

Primary Voltages: Pins 1-2 3-4 115/230 Volts 50/60 Hz

* Refer to Technical Bulletin #214

• Indicates like polarity

Note: Primary and secondary windings are designed to be used as one primary and one secondary winding with either parallel or series connection only.

UL - #1950, #1585 Class II, III, #1446

CSA - #22.2 No. 66 - 1988 General Purpose

IEC - #950

VDE - #0805, EN 60950

UL/C-UL - tested to CSA 22.2 No. 234M90

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VA	Part No.	Secondary RMS Rating	
		Parallel	Series
2.5	SPW-1000	5V @ 500 mA	10V CT @ 250 mA
	SPW-1001	6.3V @ 400 mA	12.6V CT @ 200 mA
	SPW-1002	8V @ 300 mA	16V CT @ 150 mA
	SPW-1003	10V @ 240 mA	20V CT @ 120 mA
	SPW-1004	12V @ 200 mA	24V CT @ 100 mA
	SPW-1005	14V @ 180 mA	28V CT @ 90 mA
5.0	SPW-1100	5V @ 1.0A	10V CT @ 500 mA
	SPW-1101	6.3V @ 800 mA	12.6V CT @ 400 mA
	SPW-1102	8V @ 620 mA	16V CT @ 310 mA
	SPW-1103	10V @ 500 mA	20V CT @ 250 mA
	SPW-1104	12V @ 420 mA	24V CT @ 210 mA
	SPW-1105	14V @ 360 mA	28V CT @ 180 mA
10.0	SPW-1200	5V @ 2.0A	10V CT @ 1.0A
	SPW-1201	6.3V @ 1.6A	12.6V CT @ 800 mA
	SPW-1202	8V @ 1.25A	16V CT @ 620 mA
	SPW-1203	10V @ 1.0A	20V CT @ 500 mA
	SPW-1204	12V @ 840 mA	24V CT @ 420 mA
	SPW-1205	14V @ 720 mA	28V CT @ 360 mA
12.0	SPW-1206	18V @ 560 mA	36V CT @ 280 mA
	SPW-3600	5V @ 2.4A	10V CT @ 1.2A
	SPW-3601	6.3V @ 2.0A	12.6V CT @ 1.0A
	SPW-3602	8V @ 1.6A	16V CT @ 800 mA
	SPW-3603	10V @ 1.2A	20V CT @ 600 mA
	SPW-3604	12V @ 1.0A	24V CT @ 500 mA
20.0	SPW-3605	14V @ 850 mA	28V CT @ 425 mA
	SPW-3606	18V @ 700 mA	36V CT @ 350 mA
	SPW-3607	24V @ 500A	48V CT @ 250 mA
	SPW-3608	28V @ 440 mA	56V CT @ 220 mA
	SPW-3609*	60V @ 200 mA	120V CT @ 100 mA
	SPW-1300	5V @ 4.0A	10V CT @ 2.0A
	SPW-1301	6.3V @ 3.2A	12.6V CT @ 1.6A
	SPW-1302	8V @ 2.5A	16V CT @ 1.25A
	SPW-1303	10V @ 2.0A	20V CT @ 1.0A
	SPW-1304	12V @ 1.66A	24V CT @ 830mA
	SPW-1305	14V @ 1.44A	28V CT @ 720 mA
	SPW-1306	18V @ 1.12A	36V CT @ 560 mA

PREM	SPW-1000	SPW-1100	SPW-1200	SPW-1300	SPW-3600
VA	2.5	5.0	10.0	20.0	12.0
A	1.625" (41.28)	1.625" (41.28)	1.875" (47.63)	2.250" (57.15)	1.875" (47.63)
B	1.440" (36.58)	1.440" (36.58)	1.585" (40.26)	1.875" (47.63)	1.600" (40.64)
C	1.125" (28.58)	1.375" (34.93)	1.375" (34.93)	1.625" (41.28)	1.630" (41.40)
D	0.200" (5.08)	0.200" (5.08)	0.200" (5.08)	0.400" (10.16)	0.300" (7.62)
E	0.250" (6.35)	0.400" (10.16)	0.400" (10.16)	0.400" (10.16)	0.400" (10.16)
F	1.000" (25.40)	1.000" (25.40)	1.140" (28.96)	1.460" (37.08)	1.410" (35.81)
G	1.062" (26.97)	1.062" (26.97)	1.250" (31.75)	1.500" (38.10)	1.250" (31.75)
Screw Size	#4	#4	#4	#4	#4
H	0.187"min. (4.75)	0.187"min. (4.75)	0.187"min. (4.75)	0.187"min. (4.75)	0.250"min. (6.35)
Pin Size	0.025"sq. (.635 sq.)	0.025"sq. (.635 sq.)	0.036"sq. (.914 sq.)	0.036"sq. (.914 sq.)	.020 x .041" (0.508 x 1.04)

() = mm * Voltage rating cannot be approved under UL 1585