

Prem's **SPW-3400 Series** is a group of 2.4VA, International-Capable, Standard Profile, PC mount transformers with dual 115/230V primaries and dual secondaries that are designed to be used in low power applications. They provide the high isolation, creepage, and clearance distances required to comply with many international safety standards.

- Dual primaries & dual secondaries: Must be series or parallel connected
- Insulation system: Class B (130°C), UL 1446 (File E85315)
- Dielectric strength: 4500Vrms primary to secondary
- UL94V-0-rated bobbin & shroud
- Shrouded primary & three flange bobbin design; no electrostatic shield required
- Anchor, insulating, and crossover tapes plus two distinct, separate windings for each primary & secondary assure excellent dielectric strength capabilities
- 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
- Immersed in 100% solids epoxy resin to withstand most aqueous and solvent cleaning systems
- Also available: Domestic, UL/CSA approved, & pin-out compatible **SPW-400-D Series**
- Other primary and secondary voltages may be custom designed to your specifications

SPW-3400 Series (2.4VA) Data Sheet

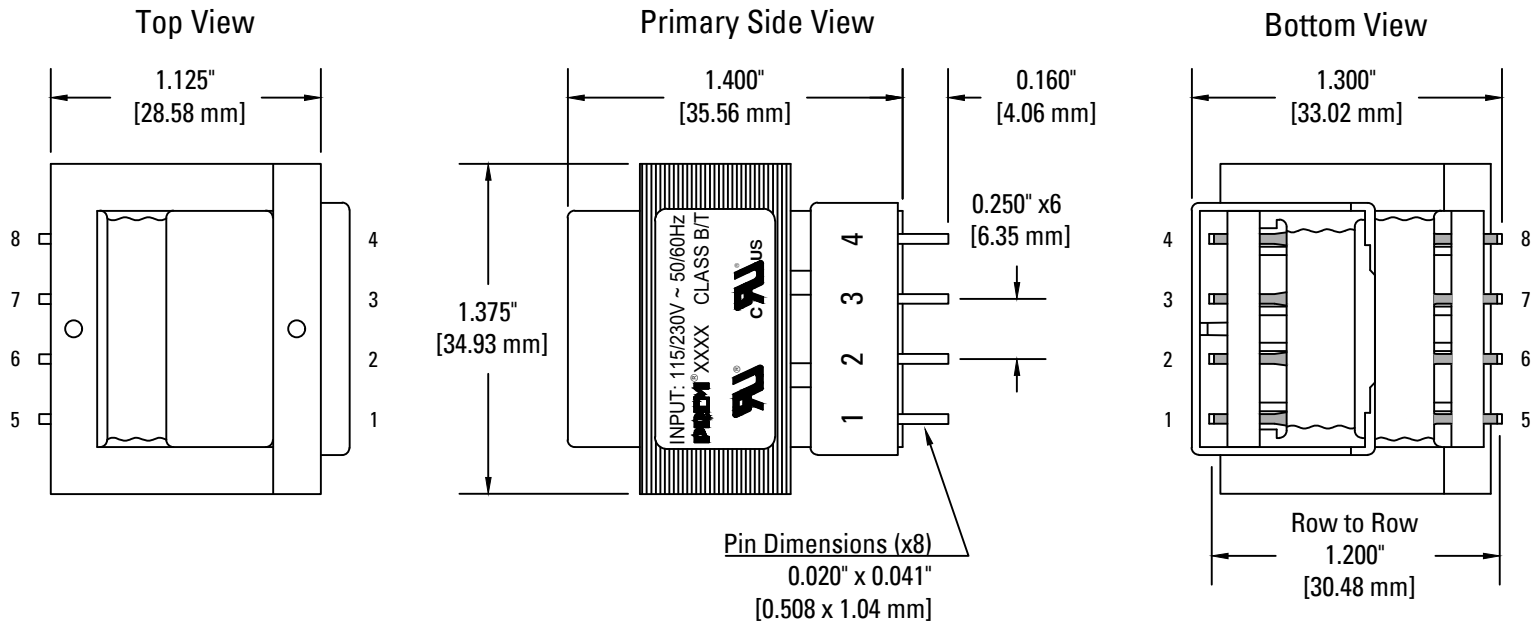
AGENCY CERTIFICATIONS:

UL 1446 (File E85315)

UL 60950 (File E125106)

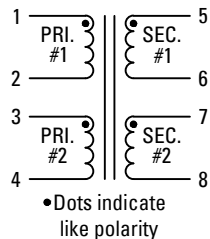
UL 1585/5085-3 Class 2 & 3:
SPW-3400 to -3408
(File E125107)

cUL: UL tested to CAN/CSA
C22.2 No. 60950
(File E125106), &
C22.2 No. 66.1-06, 66.3-06
(Class 2): *SPW-3400 to -3403* (File E125107)



All dimensions for reference only.

Schematic



PRIMARY AND SECONDARY WINDINGS ARE DESIGNED TO BE USED AS ONE PRIMARY AND ONE SECONDARY WINDING WITH EITHER SERIES OR PARALLEL CONNECTIONS ONLY.

Input Voltage 1-4 (tie 2-3): 230V @ 50/60Hz
Input Voltage 1-4 (tie 1-3, 2-4): 115V @ 50/60Hz

Secondary Series Connections: Tie 6-7; output 5-8
Secondary Parallel Connections: Tie 5-7, 6-8; output 5-8

FUSE TYPES/VALUES USED TO GAIN SAFETY AGENCY COMPONENT RECOGNITION:

Fuse circuit location: Primary Fuse manufacturer: Littelfuse, Inc. (Des Plaines, IL)
Fuse P/N: 218.031 (230V Input) or 218.063 (115V Input)

PART NUMBER	RMS RATING WITH SECONDARIES IN:	
	SERIES	PARALLEL
SPW-3400	10VCT @ 250mA	5V @ 500mA
SPW-3401	12.6VCT @ 200mA	6.3V @ 400mA
SPW-3402	16VCT @ 150mA	8V @ 300mA
SPW-3403	20VCT @ 120mA	10V @ 240mA
SPW-3404	24VCT @ 100mA	12V @ 200mA
SPW-3405	28VCT @ 85mA	14V @ 170mA
SPW-3406	36VCT @ 65mA	18V @ 130mA
SPW-3407	48VCT @ 50mA	24V @ 100mA
SPW-3408	56VCT @ 45mA	28V @ 90mA
SPW-3409 *	120VCT @ 20mA	60V @ 40mA

* Voltage ratings cannot be approved under UL 1585/5085-3

8/9/19 | -2 | Updated agency approvals | AG

11/9/15 | -1 | Updated agency approvals | RR

DATE | ISS. | REVISION | BY

Designed by: RR 5/31/01
Drawn by: AG 8/8/19
Checked by: DB & TJK
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