

# BARRIER STRIP STYLE POWER SUPPLY

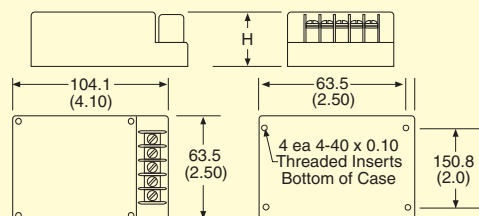
## PROVIDES REGULATED EXCITATION FOR STRAIN GAGES AND PRESSURE TRANSDUCERS

### PSS Series



PSS-10 shown smaller than actual size.

Dimensions: mm (inch)



- ✓ Recessed Barrier Strip Secures Wire Without Twisting
- ✓ Compact Design Allows Mounting Where Space is Restricted
- ✓ Ideally Suited for Use With Strain Gages, Transducers, Microprocessor Systems, and Test Equipment

### SPECIFICATIONS

**Input Voltage:** 115 Vac, 220 Vac (-220 suffix) or 230 Vac (-230 suffix)  $\pm 10$  Vac

**Input Frequency Range:** 50 to 60 Hz

**Isolation Resistance:** 50 M $\Omega$  min

**Voltage:** 1500 Vrms

**Temperature Coefficient:**  $\pm 0.02\%$

**Noise and Ripple:** 1 mVrms single and dual output; 2 mVrms triple

**Output Storage Temperature:** -25 to 85°C (-13 to 185°F)

**Maximum Case Operating Temperature Without Derating:** 71°C (160°F)

**Short Circuit Protection:** Foldback current limiting

### To Order

	MODEL NO.	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	LINE & LOAD (NL TO FL) REGULATIONS	DIM "H"
SINGLE OUTPUT	PSS-5A	+5V	500 mA	$\pm 1\%$	$\pm 0.05\%$	19 (.88)
	PSS-5B	+5V	1000 mA	$\pm 1\%$	$\pm 0.05\%$	31 (1.25)
	PSS-10	+10V	500 mA	$\pm 1\%$	$\pm 0.05\%$	39 (1.56)
	PSS-12	+12V	500 mA	$\pm 1\%$	$\pm 0.10\%$	39 (1.56)
	PSS-15	+15V	500 mA	$\pm 1\%$	$\pm 0.10\%$	39 (1.56)
DUAL OUTPUT	PSS-D12A	$\pm 12$ V or 24V	100 mA	$\pm 0.5\%$	$\pm 0.10\%$	19 (.88)
	PSS-D12B	$\pm 12$ V or 24V	300 mA	$\pm 0.5\%$	$\pm 0.10\%$	39 (1.56)
	PSS-D15A	$\pm 15$ V or 30V	$\pm 50$ mA	$\pm 0.5\%$	$\pm 0.02\%$	19 (.88)
	PSS-D15B	$\pm 15$ V or 30V	$\pm 100$ mA	$\pm 0.5\%$	$\pm 0.02\%$	19 (.88)
	PSS-D15C	$\pm 15$ V or 30V	$\pm 200$ mA	$\pm 0.5\%$	$\pm 0.05\%$	31 (1.25)
TRIPLE OUTPUT	PSS-T12	$\pm 12$ V & 5V	$\pm 12$ V @ 120 mA; 5V @ 500 mA;	$\pm 1\%$	$\pm 0.10\%$	39 (1.56)
	PSS-T15	$\pm 12$ V & 5V	$\pm 15$ V @ 100 mA; 5V @ 500 mA;	$\pm 1\%$	$\pm 0.10\%$	39 (1.56)

	MODEL NO.	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	LINE & LOAD (NL TO FL) REGULATIONS	DIM "H"
220/230V Powered Models	PSS-10-220	+10V	500 mA	$\pm 1\%$	$\pm 0.05\%$	39 (1.56)
	PSS-D12A-220V	$\pm 12$ V or +24V	100 mA	$\pm 0.5\%$	$\pm 0.02\%$	39 (1.56)

### ACCESSORY

MODEL NO.	DESCRIPTION
POWER CORD-SE	Power cord with stripped end termination

**Ordering Examples:** PSS-10, 10 Vdc, 400 mA power supply.

PSS-5A, 5 Vdc, 500 mA power supply.