

BARRIER STRIP STYLE POWER SUPPLY PROVIDES REGULATED EXCITATION FOR STRAIN GAGES AND PRESSURE TRANSDUCERS



PSS-10 shown smaller than actual size.

PSS Series



- ✓ 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) ±10 Vac

Input Frequency Range: 50 to 60 Hz

Isolation Resistance: 50 MΩ min

Voltage: 1500 Vrms

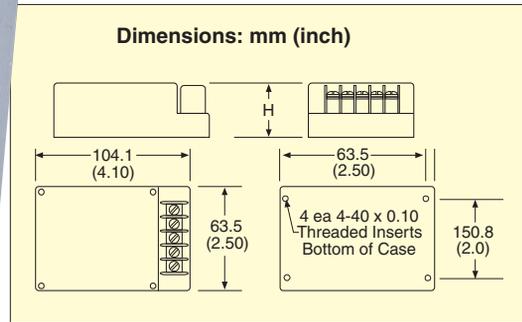
Temperature Coefficient: ±0.02%

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 | ±1% | ±0.05% | 19 (.88) |
| | PSS-5B | +5V | 1000 mA | ±1% | ±0.05% | 31 (1.25) |
| | PSS-10 | +10V | 500 mA | ±1% | ±0.05% | 39 (1.56) |
| | PSS-12 | +12V | 500 mA | ±1% | ±0.10% | 39 (1.56) |
| | PSS-15 | +15V | 500 mA | ±1% | ±0.10% | 39 (1.56) |
| DUAL OUTPUT | PSS-D12A | ±12V or 24V | 100 mA | ±0.5% | ±0.10% | 19 (.88) |
| | PSS-D12B | ±12V or 24V | 300 mA | ±0.5% | ±0.10% | 39 (1.56) |
| | PSS-D15A | ±15V or 30V | ±50 mA | ±0.5% | ±0.02% | 19 (.88) |
| | PSS-D15B | ±15V or 30V | ±100 mA | ±0.5% | ±0.02% | 19 (.88) |
| | PSS-D15C | ±15V or 30V | ±200 mA | ±0.5% | ±0.05% | 31 (1.25) |
| TRIPLE OUTPUT | PSS-T12 | ±12V & 5V | ±12V @ 120 mA; 5V @ 500 mA; | ±1% | ±0.10% | 39 (1.56) |
| | PSS-T15 | ±12V & 5V | ±15V @ 100 mA; 5V @ 500 mA; | ±1% | ±0.10% | 39 (1.56) |

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|-------------------------|---------------|----------------|----------------|------------------|------------------------------------|-----------|
| 220/230V Powered Models | PSS-10-220 | +10V | 500 mA | ±1% | ±0.05% | 39 (1.56) |
| | PSS-D12A-220V | ±12V or +24V | 100 mA | ±0.5% | ±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.