

ENCLOSED DC POWER SUPPLIES

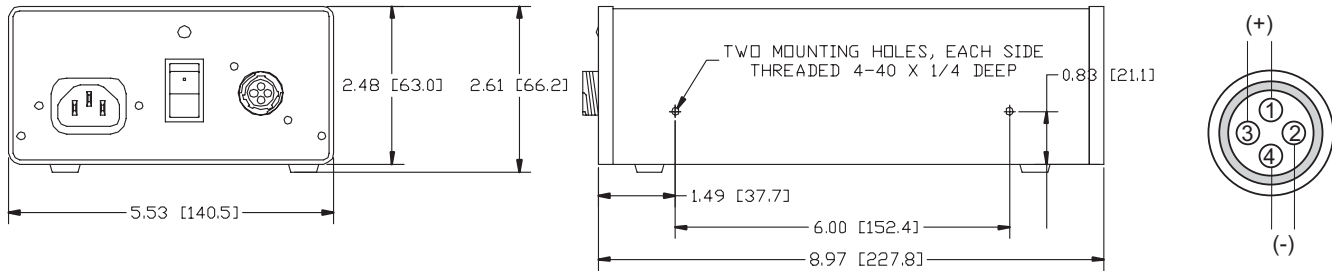
PS24V8A AND PS42V6A

- Enclosed linear unregulated power supplies
- PC-type AC power cord
- 4 pin AMP connector on output
- Internally fused on both primary and secondary side
- Toroid transformer for minimal voltage drop and minimal EMI

Includes 1 KITDC1- connector kits (p. 57)



Part Number	Input Voltage	Hz AC	No Load Voltage	Full Load		Nominal Wattage	Weight (Nom.)
				Voltage	Current		
PS24V8AG-110	110VAC	60	25 VDC	19 VDC	8 Amps	152 W	6.5lbs (3kg)
PS42V6AG-110	110VAC	60	46 VDC	36 VDC	6 Amps	216 W	7lbs (3.2kg)



* All sizes are given in inches, sizes in brackets are in mm

SHUNT42V100W

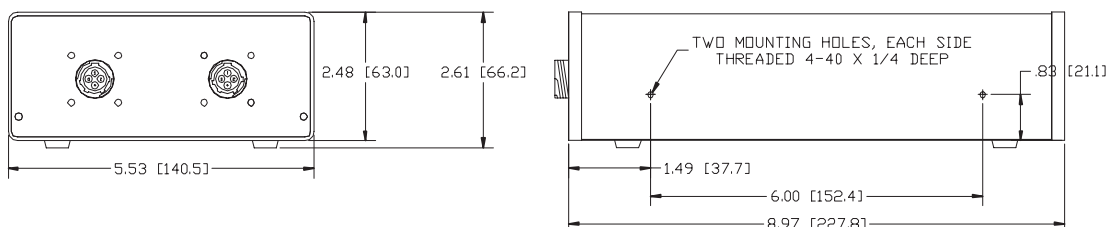
- Provides protection against Back EMF
- Automatically gates on at >49VDC
- 27 Ohm 100 Watt Resistance
- Connects in parallel with PS24V8A and PS42V6A

The **SHUNT42V100W** can be inserted between the DC power supply and the SmartMotor to monitor the power voltage.

For 42V or 24V supplies.

Includes 2 KITDC1- connector kits (p. 57)

Use with cable CBLDC1 (p. 52)



* All sizes are given in inches, sizes in brackets are in mm

OPEN FRAME DC POWER SUPPLIES

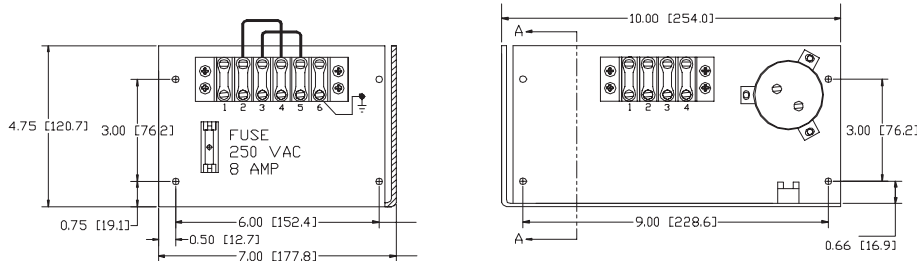
PS42V20AF110 AND 220, PS756AF110 AND 220, INTEGRATED SHUNT S1

- Open Frame linear unregulated power supplies
- Primary Side Fused
- Screw Terminal access to AC input and DC output
- Toroid transformer for minimal voltage drop and minimal EMI



Part Number	Input Voltage and Frequency	No Load Voltage	Full Load		Nominal Wattage	Shunt	Weight (Nom.)
			Voltage	Current			
PS42V20AF110	110 VAC/60 HZ	43 VDC	34 VDC	20 Amps	680 W	No	16.5lbs (7.5kg)
PS42V20AF220	220 VAC/50 HZ	43 VDC	34 VDC	20 Amps	680 W	No	16.5lbs (7.5kg)
PS42V20AF110S1	110 VAC/60 HZ	43 VDC	34 VDC	20 Amps	680 W	Yes	17lbs (7.7kg)
PS42V20AF220S1	220 VAC/50 HZ	43 VDC	34 VDC	20 Amps	680 W	Yes	17lbs (7.7kg)
PS75V6AF110*	110 VAC/60 HZ	84 VDC	67.5 VDC	6 Amps	400 W	No	11.8lbs (5.4kg)
PS75V6AF220*	220 VAC/50 HZ	84 VDC	67.5 VDC	6 Amps	400 W	No	11.8lbs (5.4kg)
PS75V6AF110S1*	110 VAC/60 HZ	84 VDC	67.5 VDC	6 Amps	400 W	Yes	12.3lbs (5.6kg)
PS75V6AF220S1*	220 VAC/50HZ	84 VDC	67.5 VDC	6 Amps	400 W	Yes	12.3lbs (5.6kg)

* to be used with ServoStep products only



* All sizes are given in inches, sizes in brackets are in mm

SHUNT 42V100W-OF

The 42V100W-OF Shunt can be used for any after-market power supply with a no-load voltage of $\leq 48\text{VDC}$. If you use it on a power supply with a no-load voltage in excess of 48VDC , it will remain open and result in permanent damage.

Note: Do not use this shunt with the Animatics' PS75V6A ServoStep power supply.

- Provides protection against Back EMF
- Automatically gates on at $>48\text{VDC}$
- 12.5 Ohm 100 Watt Resistance
- Connects to capacitor of Open Frame DC power supplies
- Works with other Linear unregulated power supplies (consult factory)
- Operates on a loss of AC input power to the power supply

