

Switch-mode Power Supply -SPS250-36

Motion Control Products' industrial switch mode power supply SPS250-36 provides a compact enclosed power supply to suit our range of stepper and servo drive power needs. They are CE certified and come with a host of DC output options and a range of output currents available.

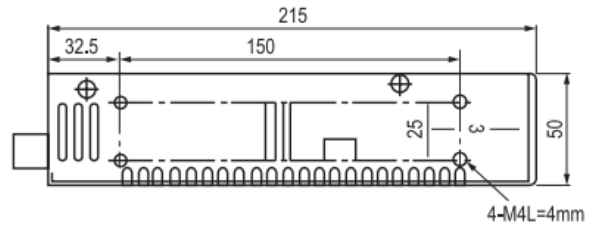
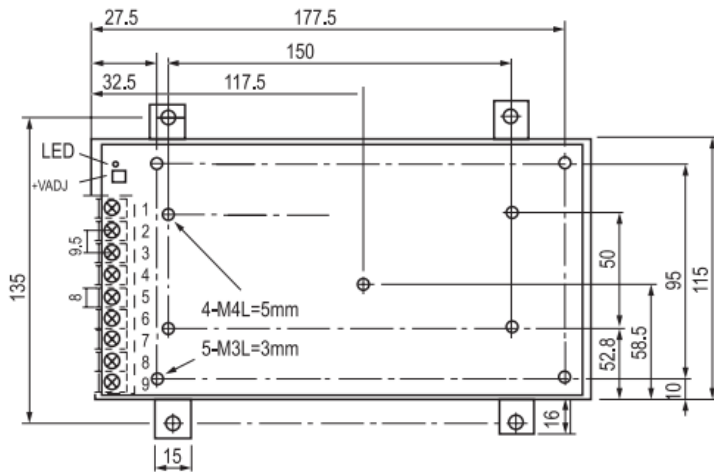
FEATURES

- Enclosed configuration, terminal block protect cover
- High quality and reliability
- Over-current & over-voltage protection
- 100% full load burn-in test
- High Efficiency and with EMI Filter
- With load stability +/-0.5%
- Low Ripple noise
- High voltage insulation
- Operation temperature up to 70°C
- Meets EN61000 / EN60950 industrial levels, CE certification
- Suitable for most Industrial applications
- Other output voltage and current options available upon request

TECHNICAL SPECIFICATIONS

Input	Voltage & Frequency	90-130VAC/170-260VAC selected by switch 47-63Hz; 240-370VDC
	Current	3.4A/115VAC 1.7A/230VAC
	Efficiency (220VAC)	85%
	Inrush Current	30A/115VAC 60A/230VAC at cold start
Output	Voltage (VDC)	36V
	Current	7A
	Regulation Line	±0.5%
	Regulation Load	±0.5%
	Ripple Noise	≤120mVp-p
	Temperature Drift	±0.02% / °C (0°C-50°C)
	Rated Power	252W
	Rise & Holding Time	200ms,100ms, 20ms
Circuit Protection	Over Current Protection	Works at over 105%-120% of rating and recovers automatically
	Over Voltage Protection	39-42V
	Over-Heat Protection	≥90°C Output close
Withstand voltage Insulation	Input-Output	1500VAC; 500VDC/100MΩ
	Input-Case, FG	1500VAC; 500VDC/100MΩ
	Output-Case, FG	500VAC; 500VDC/100MΩ
Environment	Operating Temp and Humid	(-10)°C- (+60)°C 20%-90%RH
	Storage Temp and Humid	(-20)°C- (+85)°C 10%-95%RH
	Vibration	10-500Hz at 2G, 10minutes period, 60minutes along X, Y and Z axis
Safety	Safety Regulation	IEC / CE / ROHS / SAA / KC
	EMC	IEC /EN60950-1 EN61347-1:2008
IP		IP22
Dimensions & Weight		215*115*49mm / 0.8kg

MECHANICAL DIMENSIONS



Terminal Pin No. Assignment

- ☒ Pin 8,9: AC input
- ☒ Pin 7: GND ⊕
- ☒ Pin 4,5,6: DC output-V
- ☒ Pin 1,2,3: DC output+V