



OMEGA TYPE CCP-1.5/10 is a high performance constant current power supply. The current regulation is IC controlled and hence result in the highest quality of performance. Matched Power Transistors are used to share the load current. The supply is protected against transient caused by the inductive load of the magnet.

APPLICATION

The constant current power supply can be used for small & medium size electromagnets, to explain ohm's law, for testing of electro mechanical components like relays etc.

SPECIFICATIONS

- 01 CURRENT RANGE : 0 - 10 Amp.
- 02 VOLTAGE RANGE : 0-1V5 Volt
- 03 LOAD REGULATION :
Better than 0.5% of the highest specified output current.
(No Load to Full Load)
- 04 LINE REGULATION :
Better than $\pm 0.2\%$ of the specified output current.
(For $\pm 10\%$ Mains Variation)
- 05 RIPPLE : Less than 1mV rms.
- 06 METERING : 3 ½ digit 7 segment LED DPM.

- 07 TEMPERATURE CO-EFFICIENT:
0.05% plus 7mV/1°C (After initial warm up of 30 minutes).
- 08 STABILITY:
0.2% plus 50mV (After initial warm up of 30 minutes under constant line load and tem. conditions).
- 09 TRANSIENT RECOVERY TIME :
100 nano second (Recovery with in regulation band for load changed from 10% to 90%)
- 10 PROTECTION : Automatic over load & short circuit protection.
- 11 POWER REQUIREMENT:
230V $\pm 10\%$ at 50 Hz.
- 12 Strongly supported by detailed operating instructions.
- 13 Weight : 10.0 Kg. (Approx.)
- 14 Dimension : W 290 x H 160 x D 265

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS