

Power Supplies / R-L-C Decade Power Supplies

R-L-C Decade



MA 4804, MA 4852 AND MA 4853

The MA 4804, MA 4852 and MA 4853 are power supply units with the built-in variable transformers permitting a continuous voltage adjustment within the limits of declared specifications.

The transformers have separate primary and secondary windings resulting in galvanic isolation of the mains circuit from output circuit. This is frequent requirement for energizing specific electrical devices.

The power supply units are equipped with V-meter and A-meter, which allow a permanent control over output voltage and current. They are overload-protected with a circuit-breaker which disconnects the secondary circuits when a short-circuit condition occurs at the output.

Field Application

The MA 4804, MA 4852 and MA 4853 power supply units are used in electronic industry (electrical and control labs), in service workshops, in technical education, etc., briefly everywhere adjustable supply voltage is needed, or where for technical or safety reasons the power supply source has to be galvanically insulated from the mains. Test voltage of 4 kV AC, rms between input and output enables using the units in CAT III / 300 V environment.

Technical specification

Part No.	HSM 230	HSM 260	HSM 260
Power supply:	230V	230V	230V
Output voltage:	0V ... 260V		
AC		0 V ... 33V	0V ... 33V
DC		0 V ... 46V	0V ... 46V
Permissible permanent current:	3 A	6A	6A

MA 2405, MA 2705 AND MA 2115

MA 2405 Decade capacitor is intended for all application areas where capacitance variation/selection by hand is required. It is all passive electric device housed in metallic case and with internal guarding. It consists of 3 decades for selection of the capacitance in range of 100 pF up to 100 nF. Set value is directly visible on decade's dials. MA 2405 Decade Capacitor uses high quality polypropylene capacitors providing accuracy of 5%. Very good DC insulation resistance of the capacitors enables the application also in DC circuits, insulation materials also provide low dissipation factor at the frequencies of 500 kHz and up.

MA 2705 Decade inductance is intended for all application areas where inductance variation/selection by hand is required. It is passive electric device housed in metallic case. It consists of 3 decades for selection of the inductance in range of 0 mH up to 999 mH. Set value is directly visible on decade's dials. MA 2705 Decade inductance uses ferrite chokes providing accuracy of 5% at 50% of rated current.

MA 2115 and **MA 2115 S** Decade resistors are intended for all application areas where resistances variation/selection by hand are required. It is passive electric device housed in metallic case. Each consist of 7 decades with each own rotary switch with range multiplier from 0 to 9, and ∞. Safety 4 mm sockets are connected to each resistance chain that it could be individually accessible. It is also possible to split resistance chain into two or more independent insulated groups by selection of rotary switch position ∞.