



- COMPLETE** : Three outputs available simultaneously.
- PRATICAL** : Digital voltage display.
- USEFUL** : Setting memory.
- COMPATIBLE** : RS232, USB* and LABVIEW interfaces.
- PROTECTED** : Short circuit protection.

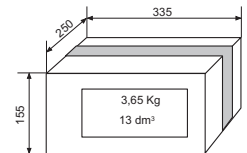
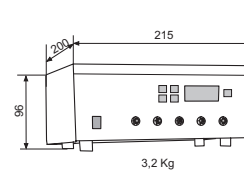
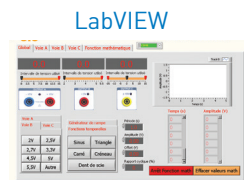


*OPTION : USBRS232

48 WATTS

RS232 + LABVIEW + USB*

0 to ± 15V	1A
or 0 to 30V	1A
and 2 to 5,5V	3A
and -15 to +15V	0,2A



Specifications

Voltage

- Floating outputs on 4 mm safety sockets.
- Three outputs available simultaneously :
 - Power supply A : adjustable from 0 to ±15 Volts balanced. or 0 to 30V with the -15V terminal as reference.
 - Power supply B: adjustable from + 2 to + 5,5 Volts.
 - Power supply C: adjustable from - 15 to + 15Volts.
- Voltage adjustment : push-button selection of output A, B or C. Voltage incremented and decremented by four push-buttons : -1 V + 1 V - 0,1 V + 0,1V
- Automatic storage of the three voltage settings.
- Regulation : < 20mV for a load variation from 0 to 100%. < 10mV for a 10% line variation.
- Ripple : < 3 mV peak to peak or 1 mV rms.
- Indicators : Three red LEDs showing the selected output for display and adjustment.
- Display : 14 mm 3 digit LED digital voltmeter for the three outputs.
- Resolution : 100 mV.

Currents

- Max I : 1A on output A. 3A to 5,5 Volts and 1,5A to 2 Volts on output B. 0,2A on output C.
- Display : Current limiting on one output causes the display to blink ; it shows : "Ic.A", "Ic.b", "Ic.C" or "+Ic ", depending on the overloaded output(s).

Protection

- Short circuit protection, by current limit.
- Transformer primary overcurrent protection, by fuse.
- Chassis ground output on 4 mm inverted safety socket.

Interface

- RS-232 link, 9-way male SUB-D plug.
- USB option: Kit includes an adaptor null modem und RS232 cable

Software

- LG991S for Windows95* or +
 - LG991S LV and base VI under LabVIEW**
- Softwares are available for download on website www.elc.fr
 (*is a registered trademark of Microsoft Co.)
 (** (*is a registered trademark of National Instruments.)

Other specifications

- Safety : Class I, enhanced safety between mains input and outputs. Complies with EN 61010-1, overvoltage category II, pollution degree 2.
- EMC : Complies with EN 61326-1, performance criteria B, and EN 55011, ISM Group I, Class B.
- Input voltage : 230V ±10%, 50 / 60 Hz.
- Mains input : Socket C14 with C13 removable cable (2 poles + earth).
- Power consumption : 100 VA max.
- Dielectric strength : 2300V from input to output, 1350V from input to chassis.
- Presentation : screen-printed polycarbonate front panel, metal case, epoxy finish.