



# SEL-LPS Linear Power Supply



## Major Features and Benefits

The SEL-LPS is a general-purpose dc supply for testing protective relays and for general application.

- ▶ **Flexible.** Multiple outputs of one power supply serve many devices. Connect protective relays, communications processors, and other devices to two 24-Vdc and two 125-Vdc outputs (50 VA maximum). You can connect the two 24-Vdc outputs in series for 48 Vdc or connect the two 125-Vdc outputs in series for 250 Vdc.
- ▶ **Rugged.** Linear design provides “stiff” low-impedance outputs to start and serve high-surge loads.
- ▶ **Regulated Outputs.** Connect station or plant support equipment (transducers, sensors, and more) to the general-purpose +5-Vdc, +15-Vdc, and -15-Vdc regulated outputs.
- ▶ **Popular Input Voltages.** Use anywhere that commercial ac power is available; 120 Vac or 230 Vac, 50 Hz or 60 Hz rated systems.
- ▶ **Convenient and Safe.** Quickly wire output connections and easily view operating status on the front panel. Safely power relays in laboratories, classrooms, and offices.

# Specifications

## General

### Power Supply

Input:	90–132 Vac, 50/60 Hz, or 200–240 Vac, 50/60 Hz 75 VA maximum
Outputs:	See <i>Table 1</i>
Fuse:	1.6 A, 250 V slow blow (Littelfuse 218 01.6, 5 x 20 mm fuse, or equivalent)

### Operating Temperature

0° to 50°C (32° to 122°F)

## Physical Specifications

### Dimensions

114.3 mm H x 285.8 mm W x 241.3 mm D  
(4.5 in H x 11.25 in W x 9.5 in D)

### Unit Weight

4.1 kg (9 lb)

**Table 1 Output Parameters**

Number of Outputs	Rating	Output Current	Output Voltage	Comments
2	+125 Vdc	0.2 A <sup>a</sup>	125 Vdc nominal (unregulated)	Isolated
2	+24 Vdc	1.0 A <sup>a</sup>	24 Vdc nominal (unregulated)	Isolated
1	+5 Vdc	500 mA	4.75 to 5.25 Vdc	Referenced to ground
1	+15 Vdc	250 mA	14.25 to 15.75 Vdc	Referenced to ground
1	–15 Vdc	250 mA	–15.75 to –14.25 Vdc	Referenced to ground

<sup>a</sup> WARNING: An output short circuit or exceeding 50 VA may damage the unit.

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This product is covered by the standard SEL 10-year warranty. For warranty details, visit [www.selinc.com](http://www.selinc.com) or contact your customer service representative.

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