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 Table 1
- Fuse: 1.6 A, 250 V slow blow (Littelfuse 21801.6, 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 lbs)

Table 1 Output Parameters

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

* 50 VA maximum