Features:
Power supply for Logosol’s servo amplifiers, intelligent drives, stand-alone controllers and user devices.

Two independent power sources:
I/O POWER - 24V / 2.5A and
MOTOR POWER:
- 96V / 6A LS-696S (obsolete)
- 80V / 8A LS-880S
- 60V / 10A LS-1060S
- 48V / 11A LS-1148S (obsolete)
- 24V / 23A LS-2324S (obsolete)
- 120V / 5A LS-5120S

115 VAC or 230 VAC 50/60Hz operation with standard IEC power input
3kV primary to secondary isolation
Two terminal screws per power output for easy connection with multiple devices
Emergency stop dependent MOTOR POWER
Emergency stop activated output
Regenerative shunt regulator

Description:
Complete power supply solution for most single and multi axis applications.
They provide two unregulated power sources, specially designed to be used with Logosol motion control components and other related devices.

The power supplies are emergency stop controlled devices, which provides high safety level for all components connected to its MOTOR POWER source.

Shunt regulator has two functions:
- Protection against overvoltage, generated by the motor;
- Rapid shut down of the MOTOR POWER when the power supply is turned off.

For high peak stability the MOTOR POWER supply includes large internal capacitance

Features:
Power supply for Logosol’s servo amplifiers, intelligent drives, stand-alone controllers and user devices.

Two independent power sources:
I/O POWER - 24V / 2.5A and
MOTOR POWER:
- 96V / 6A LS-696S (obsolete)
- 80V / 8A LS-880S
- 60V / 10A LS-1060S
- 48V / 11A LS-1148S (obsolete)
- 24V / 23A LS-2324S (obsolete)
- 120V / 5A LS-5120S

115 VAC or 230 VAC 50/60Hz operation with standard IEC power input
3kV primary to secondary isolation
Two terminal screws per power output for easy connection with multiple devices
Emergency stop dependent MOTOR POWER
Emergency stop activated output
Regenerative shunt regulator

Functional Diagram:

Ordering information:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO</td>
<td>921696002</td>
<td>921088001</td>
<td>921106004</td>
<td>921148002</td>
<td>921232402</td>
<td>921512002</td>
</tr>
</tbody>
</table>

General Specifications:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Line voltage</td>
<td>100÷120V~60Hz</td>
<td>200÷240V~50Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOTOR POWER voltage (isolated)</td>
<td>96V -10%, +15%</td>
<td>80V -10%, +15%</td>
<td>60V -10%, +15%</td>
<td>48V -10%, +15%</td>
<td>24V -10%, +15%</td>
<td>120V -10%, +15%</td>
</tr>
<tr>
<td>MOTOR POWER output current*</td>
<td>6A 15A peak (5 seconds)</td>
<td>8A 20A peak (5 seconds)</td>
<td>10A 25A peak (5 seconds)</td>
<td>11A 27A peak (5 seconds)</td>
<td>23A 35A peak (5 seconds)</td>
<td>5A 10A peak (5 seconds)</td>
</tr>
<tr>
<td>I/O POWER voltage (grounded)</td>
<td>24V -10% +15%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I/O POWER Output current</td>
<td>2.5A, 4A peak (3 seconds)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum rated power*</td>
<td>600VA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOTOR POWER isolation</td>
<td>200 VDC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ripple Voltage*</td>
<td>6% max</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>32÷150ºF / 0÷65°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency stop input current</td>
<td>40mA ± 6mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency output voltage</td>
<td>HIGH = I/O POWER (24V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LOW = GND (0V)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency output current</td>
<td>150mA max (fused)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>9 lbs / 4.1 kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Rated at 50% motor duty cycle
Sample application: