LIS12 Series
12 Watt Constant Current AD/DC LED Power Supplies

FEATURES
- 90 - 264VAC Universal AC Input
- Constant Current Output
- Isolated Configuration
- Easy to Drive High Bright LEDs in Series
- Short Circuit and Overload Protections
- High Efficiency, 80% Minimum
- Optional IP65 and IP67 ratings available
- Optional Dimming Control
- 100% Hi-Pot Test
- Meets CE Requirements
- RoHS Compliant

GENERAL SPECIFICATIONS
Input Voltage ................................... 90 to 264VAC
Input Frequency .............................. 47 to 63Hz
Operating Temperature .................. -20ºC to +50ºC
Temperature Coefficient ................. ±0.025%/ºC Max
Dimensions (LxWxH) ..................... 2.56 x 1.50 x 1.06 inches

* Suitable to drive 1W LED (350mA), 2W LED (500mA), & 3W LED (700mA)
** Weight: approx. 46 grams

EMI & SAFETY STANDARDS
LED drivers can meet EMI standards (EN 55015) and safety standards (IEC-60950-1, UL1310 Class 2, UL-65901-1)

LIS12 MODELS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LIS12-36-350</th>
<th>LIS12-24-500</th>
<th>LIS12-18-700</th>
<th>LIS12-12-1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Power</td>
<td>12W</td>
<td>12W</td>
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</tr>
<tr>
<td>Output Voltage</td>
<td>18V - 36V</td>
<td>12V - 24V</td>
<td>9V - 18V</td>
<td>9V - 12V</td>
</tr>
<tr>
<td>Output Current</td>
<td>350mA</td>
<td>500mA</td>
<td>700mA</td>
<td>1000mA</td>
</tr>
<tr>
<td>White LEDs in Series (Min. - Max.)</td>
<td>6 - 9 PCS</td>
<td>4 - 6 PCS</td>
<td>3 - 4 PCS</td>
<td>2 - 3 PCS</td>
</tr>
</tbody>
</table>

CONFIGURATION ARRAYS

LIS12-36-350 (6-9 pcs LED in Series)

LIS12-24-500 (4-6 pcs LED in Series)

LIS12-18-700 (3-4 pcs LED in Series)

LIS12-12-1000 (2-3 pcs LED in Series)