

LRS-35-24 Mean Well 24VDC 36W 1.5A Enclosed Switching Power Supply Datasheet



Brand: Mean Well

SKU: 775455896826

Category: Power Supplies & Circuit Protection

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/lrs-35-24-mean-well-24vdc-36w-1-5a-enclosed-switching-power-supply>

Product Description

Mean Well LRS-35-24 99 x 82 x 30 mm, 24 VDC, 36 W, 1.5 A single-output enclosed power supply features a 30 mm low profile design. The unit operates on a universal input range of 85 to 264 VAC and provides a 24 VDC output. It is constructed with a metallic mesh case to facilitate natural air convection cooling and includes a power-on LED indicator. The internal circuitry is designed to withstand 300 VAC surge inputs for 5 seconds and 5G vibration testing. It utilizes 105 °C long-life electrolytic capacitors and maintains a no-load power consumption of less than 0.2 W.

LRS-35-24 Specifications

Model: LRS-35-24

Brand: Mean Well

Category: Enclosed Switching Power Supply

Output Voltage: 24 VDC

Rated Current: 1.5 A

Current Range: 0 to 1.5 A

Rated Power: 36 W

Ripple and Noise: 150 mVp-p

Voltage Adj. Range: 21.6 to 28.8 VDC

Voltage Tolerance: ± 1.0 %

Line Regulation: ± 0.5 %

Load Regulation: ± 0.5 %

Setup, Rise Time: 500 ms, 30 ms / 230 VAC

Hold Up Time: 50 ms / 230 VAC

Input Voltage Range: 85 to 264 VAC / 120 to 373 VDC

Input Frequency Range: 47 to 63 Hz

Efficiency: 88 %

AC Current: 0.7 A / 115 VAC, 0.42 A / 230 VAC

Inrush Current: 45 A / 230 VAC

Leakage Current: < 0.75 mA / 240 VAC

Overload Protection: 110 to 150 % rated output power

Over Voltage Protection: 28.8 to 33.6 V

Operating Temperature: -30 to +70 °C

Operating Humidity: 20 to 90 % RH non-condensing

Storage Temperature: -40 to +85 °C

Vibration Resistance: 10 to 500 Hz, 5G 10 min./1 cycle, 60 min. each along X, Y, Z axes

Safety Standards: UL 62368-1, TUV EN 62368-1, EAC TP TC 004, BSMI CNS14336-1

Withstand Voltage: I/P-O/P: 3.75 kVAC, I/P-FG: 2 kVAC, O/P-FG: 1.25 kVAC

Isolation Resistance: I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500 VDC / 25 °C / 70 % RH

Dimensions: 99 x 82 x 30 mm (L x W x H)

Weight: 0.23 kg

LRS-35-24 Applications

Primary applications include integration into industrial automation machinery, control systems, and mechanical and electrical equipment. Deployed within household appliances, telecommunications infrastructure, and LED signage power distribution units.

Supplemental Images

