



New JSU Series Power Supply Junction Boxes For Hardwired Connection—No More Plug-Ins

*Hardwired Power Helps Ensure Continuous Operation Of Equipment
or Devices In Facilities, Offices, Retail and Homes*

Perris, CA—June 20, 2017—With its advanced compact design, the new convenient and secure **JSU Series Power Supply Junction Box** from **Triad Magnetics** is ideal for hardwiring essential stationary equipment or devices, eliminating the potential for the accidental disconnection of unsightly wall plug-in power supplies with their sometimes stringy, tangled cords.

The UL-approved JSU Series Power Supply Junction Box offers superior performance and is available in two popular configurations: 12Vdc/1.5A or 24Vdc/0.75A. Regulation of line and load is ± 5 percent. Ripple and noise is 150mV peak-to-peak maximum. No load standby power consumption is less than 100 mW.

The highly efficient design (≥ 85 percent) of the JSU Series Power Supply Junction Box meets US Department of Energy (DOE) Level VI Energy Efficiency Requirements. This standard helps reduce the consumption of electric power from carbon-based fossil fuel sources, which contributes to the global warming phenomenon.

Developed to power equipment for facilities, offices, retail, home and other light duty continuous-operating environments, the JSU Series Power Supply Junction Box comes in a thermoplastic package that allows it to operate over a temperature range of 32 to 104°F (0 to 40°C). It can be stored prior to use at temperatures from -4 to 140°F (-20 to 60°C). The relative humidity safe operating range is from 5 to 95 percent (non-condensing).

The compact JSU Series Power Supply's design allow it to fit almost anywhere. The power supply is mounted on a 4 x 4" plate that can be screwed directly onto a 4 x 4" electrical junction box. Two-wire connection to the wall power and attachment of the device via a simple screw terminal connector are all that is necessary for installation.

The highly dependable JSU Series Power Supply Junction Box features leakage current

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of ≤ 0.25 mA (264 Vac). Dielectric strength per hipot testing is 4242 Vdc for 3 seconds, 5 mA maximum. The JSU Series comes with Triad Magnetics' comprehensive 5-year warranty.

For general safety and reliable operation, the JSU Series Power Supplies conform to UL Standard 60950-1 (LPS). They are also certified per CSA Standard C22.2, No. 60950-1 Class II, double insulated. They meet the U.S. FCC Part 15 Class B Standard for electromagnetic interference (EMI). They are also RoHS compliant to the 2011/65/EU standard, which is intended to prevent lead contamination of the environment.

Triad Magnetics

Triad Magnetics is a global leader in the design and manufacture of transformers, power supplies and inductors for a wide range of applications, including switch mode/high frequency, wall plug-in, power transformers, inductors and audio transformers.

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