

PDU-16

WHAT THIS PRODUCT DOES:

The PDU 16 Power Distribution Unit simplifies installations and reduces the cost of service by providing intelligent power optimized for networking systems. The PDU Series extends control from traditional rack enclosures to hard to reach displays - and everything in between. The PDU 16 offers individual IP control of 8 outlets allowing the PDU to self-heal connected devices if they go down, and gives you the ability to do a hard reboot or power cycle connected devices without rolling a truck via remote management platforms such as Domotz, Ihiji or other third-party control systems.

With intuitive setup and operation, pre-emptive problem notification and automatic problem resolution, Luxul PDUs ensure system reliability and uptime. The ability to choose local control or remote control via Domotz, Ihiji or other third-party control systems ensures system uptime and reliability while maximizing your productivity.

FEATURES:

- ▶ Individual IP outlet control of up to 8 outlets (16 outlets total)
- ▶ Control start-up or shut-down with remote sequencing
- ▶ Easy setup and control
- ▶ IP “Autoping” and recovery for optimized system reliability
- ▶ MOV surge and spike protection
- ▶ Fast and easy configuration
- ▶ Automatic actions improve system reliability
- ▶ Automatic notification of connection status
- ▶ Seamlessly interfaces with third-party control systems and cloud platforms for scheduling, control, reporting and customization
- ▶ Standard 1U 19” rack-mount enclosure
- ▶ 3-year limited warranty
- ▶ Connected equipment warranty

PDU 16

16-Outlet IP Power Distribution Unit



PDU-16 TECHNICAL SPECIFICATIONS

| | |
|--|---|
| Number of Outlets | 16 total / 8 controlled |
| Max/Rated Load | 15A/12A |
| Surge Protection | Basic |
| LED | <ul style="list-style-type: none"> ▶ Unit: Power, Status ▶ Ethernet: Link, Activity ▶ Outlet: Status |
| Line Voltage | Nominal: 120VAC / Minimum: 80VAC / Maximum: 140VAC |
| Maximum Peak Load | 15 Amps |
| Maximum Continuous Load | 12 Amps |
| No Load Power Dissipation | Less than 1W, Ethernet disconnected, all relays off |
| Peak Impulse Current (8/20uS Waveform) | 12,000 Amps, one time, 9,000 Amps, two times within 5 minutes <ul style="list-style-type: none"> ▶ Maximum peak impulse current pulse as defined between line and neutral ▶ Maximum multiple impulse current derated per spec |
| Protection Mode | Line to Neutral only; no ground contamination |
| Response Time | Less than 1 nanosecond |
| Surge Energy Dissipation | 120 Joules (10 / 100 micro seconds) |
| EMI/RF Supression | >20dB Calculated Line to Neutral - 100kHz to 1Mhz - based on nominal impedance |
| Communication | SSL/TLS, SMTP, NTP, DDNS, Cloud, TCP/IP, HTTP (integrated web server) |
| Power Supply | Internal switched power, AC 120V, 50-60Hz input |
| Operating Temperature | 32°F to 104°F (0°C to 40°C) |
| Operating Humidity | 0 to 95% RH, non-condensing |
| Dimensions L xWxH in. (mm) | 69.61"x1.625"x1.89" (1768 x 41.2 x 48) |
| Weight lbs (kg) | 3.95 (1.78) |
| Certifications | FCC, CE, RoHS, UL, CAN/CSA |

Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

Warranty:

- ▶ 3-year limited warranty
- ▶ Lifetime support
- ▶ Connected equipment warranty

Minimum System Requirements

- ▶ IP based network
- ▶ Ethernet cable
- ▶ Internet connection to view documentation online

Package Contents

- ▶ 16/8 port intelligent PDU
- ▶ Mounting kit
- ▶ Power cord
- ▶ Quick install guide