

Control System Accessories

NXA-PDU-1508-8

Power Distribution Unit



The innovative Power Distribution Unit (PDU) now allows you to control the rack as well as control the room. This PDU adds a basic level of control by allowing remote reset of devices via a power cycle, reducing the need to send staff to a customer site. By managing power delivery, the PDU monitors energy consumption of each connected component and restricts power to any or all devices when not in use. With 8 individually monitored and controlled AC outlets, built-in 12 Volt power supply, 2 sets of 4 AxLink Bus Strips, and power monitoring for each outlet, the PDU is flexible and can reduce wasteful standby power usage. Native NetLinx control over AxLink integrates the PDU with AMX Control systems and Resource Management Suite (RMS).

COMMON APPLICATION

Ideal for commercial and residential installations wanting to reduce energy usage costs, minimize their carbon footprint and protect valuable electronics. With AC and AxLink power, current sensing, and available temperature monitoring, this all-in-one easily adds both convenience and a Green element to installations.

FEATURES

- Individually Controlled Outlets - Allows a remote reboot for devices in the rack reducing on-site service calls
- Power Management of Connected Devices - Reduces standby energy usage (vampire power/phantom load)
- Built-in Power Current Sensing on Each AC Outlet - Makes it easy to tell if a device is powered on or off
- Switched and Monitored AxLink Bus Strips - Allows power and switching of AxLink or 12V powered devices (in banks of four)
- Native NetLinx Device - Simplifies integration
- U.S. and International voltages supported utilizing IEC plug receptacles and adapter cables
- PDU includes 12 Volt power supply and 2 sets of 4 AxLink Bus Strips with power distribution saving costs over buying these devices separately
- Front mounted reset button for easy access when installed in an equipment rack
- Compact design only takes up one rack unit
- Optional accessory cables provide convenient cabling either direct to device or 120 Volt NEMA adapters.
- Localized Power Monitoring – Allows end users to track power usage of each component for management, troubleshooting or showcasing Green initiatives.



NXA-PDU-1508-8 Power Distribution Unit (110V/220V) (FG673-01)

DIMENSIONS (HWD)

- 1 3/16" x 17" x 9 11/16 (3.0 cm x 43.2 cm x 9.7 cm)
- RU: 1

POWER

- Powered via 100-240VAC, 50-60Hz mains power on an IEC-320 C-14 connector
- Required voltage = 100 to 240 VAC, 47-63 Hz
- AC Current
 - Input: 12 AMPS @ 110V-120V
 - Input: 10 AMPS @ 220V-240V
 - Outputs: 10 AMPS Single Outlet @ 110 VAC, 12 AMPS Max Unit Output @ 110 VAC
 - Outputs: 8 AMPS Single Outlet @ 110 VAC, 12 AMPS Max Unit Output @ 220 VAC

FRONT PANEL COMPONENTS

MASTER RESET PUSHBUTTON

- The Master Reset pushbutton is a momentary breaker reset switch for the AMX Master power connection
- Tripping of the reset switch causes a 0.5 second toggle on the AMX Master AxLink power line

AXLINK STATUS LED:

Green LED lights to indicate AxLink communication activity

- ON - power, no master connection
- OFF - no power
- Blink - powered, communicating with master

AXLINK BUS STATUS LEDs:

2 red LEDs light to indicate status (on/off) for AxLink Bus Strips 1-2. These LEDs illuminate when the associated AxLink Bus Strip (#1) or (#2) on the PDU is in use.

- AxLink Bus Strip 1 contains AxLink connectors 1 - 4
- AxLink Bus Strip 2 contains AxLink connectors 5 - 8

OUTLET STATUS LEDs

8 green LEDs illuminate when the associated Power Outlet (#1 - #8) is in use.

REAR PANEL COMPONENTS

INTERNATIONAL POWER INLET (1)

- 100-240VAC 50/60 Hz
- Connector Type: IEC C-14, 15A@120 VAC / 10A@240VAC
- Intended for use with the included power cord (US Version Only)

INTERNATIONAL POWER OUTLETS (8)

- 100-240VAC 50/60 Hz
- Connector Type: IEC C-13, 10A
- Maximum load per outlet = 10A@120 VAC, 8A@240 VAC
- Maximum load per unit = 15A@120VAC, 10A@240 VAC
- Provides switching of mains power to each of the eight power outlets.
- Measures current on each AC power outlet, as well as the total current draw of the entire PDU.

AXLINK MASTER CONNECTOR

3.5mm Phoenix (4-pin) AxLink connector provides connectivity to the NetLinx Master (always on)

AXLINK DEVICE CONNECTORS (8):

3.5mm Phoenix (4 pin) AxLink connectors provide connectivity to up to eight AxLink devices Two switched banks of four outputs each:

- Bank 1 contains AxLink connectors 1-4
- Bank 2 contains AxLink connectors 5-8

A 13.5VDC, 6.5A power supply is provided for the AxLink bus strip. The PDU measures current draw of the AxLink power supply.

REMOTE TEMPERATURE SENSOR (RTS) INPUT

3.5mm Phoenix (2 pin) connector provides connection to an (included) Remote Temperature Sensor (RTS). The NXA-PDU-1508-8 is compatible with the ENV-VST-TSF Flush Mount Indoor Temperature Sensor, and the ENV-VST-TSO Outdoor Temperature sensor.

AXLINK ADDRESS DIP SWITCH

8-position DIP switch sets the AxLink device address for the unit.

ENCLOSURE

Steel, black powder coated finish

ENVIRONMENTAL

- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Operating Humidity: 5% to 85%, non-condensing
- Storage Temperature: -10°C to 60°C (14°F - 140°F)

INCLUDED ACCESSORIES

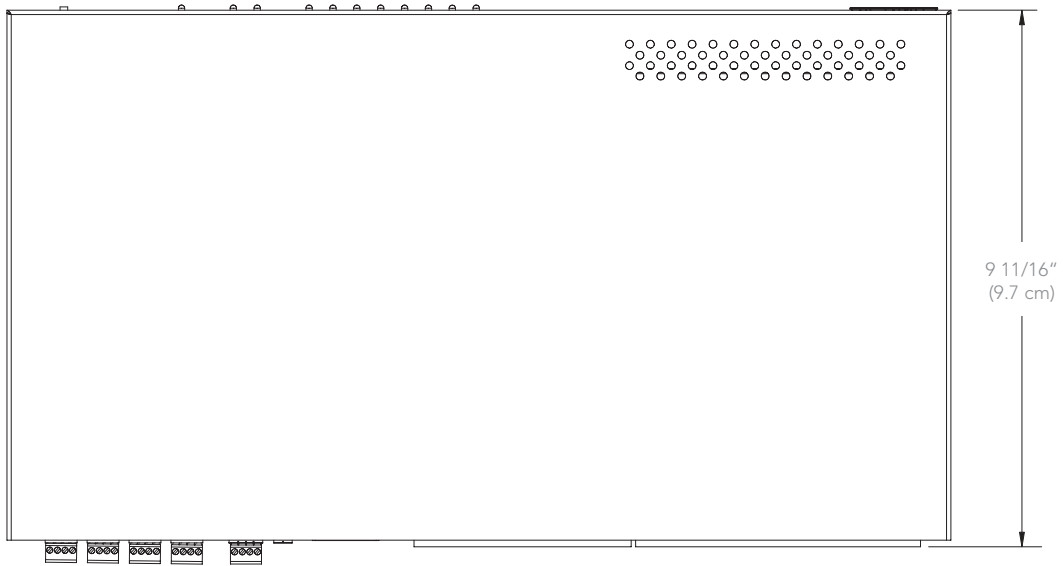
- NV-VST-TSO Outdoor Temperature Sensor (FG2050-22)
- EC-320 C-13 to NEMA 5-15P cable
- Removable rack ears

OTHER AMX EQUIPMENT

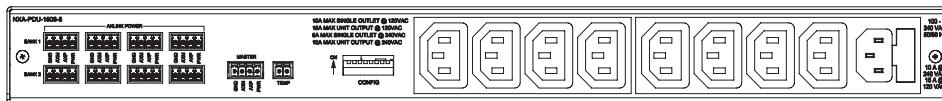
- ENV-VST-TSF Indoor Temperature sensor (FG2050-21)
- C13 to C14 Power Cable (FG10-673-01)
- NEMA to C14 Power Cable (FG10-673-02)



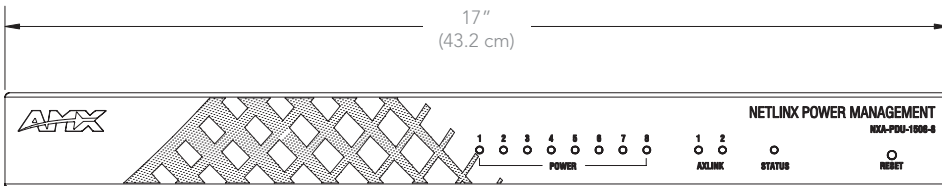
IT'S YOUR WORLD. TAKE CONTROL.



NXA-PDU-1508-8
(Top View)



NXA-PDU-1508-8
(Back View)



NXA-PDU-1508-8
(Front View)



NXA-PDU-1508-8
(Left View)



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