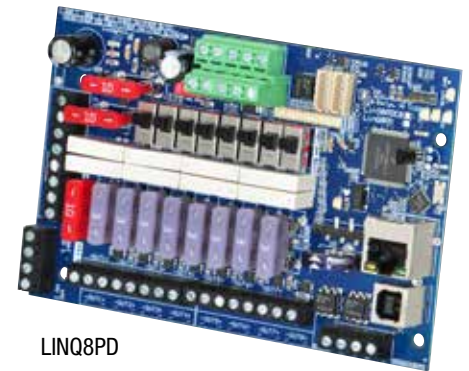# LINQ

LINQ8PD and LINQ8PDCB
Network Power Distribution Modules

Description

Altronix LINQ8PD and LINQ8PDCB network power distribution modules facilitate monitoring, reporting, and control of one (1) or two (2) low voltage AC or supervised DC power supply/chargers over the network. They report diagnostics via Email and Windows Dashboard Alert notifications, greatly reducing system downtime and eliminating unnecessary service calls. LINQ8PD and LINQ8PDCB retrofit with most currently installed multi-output power supply/chargers.
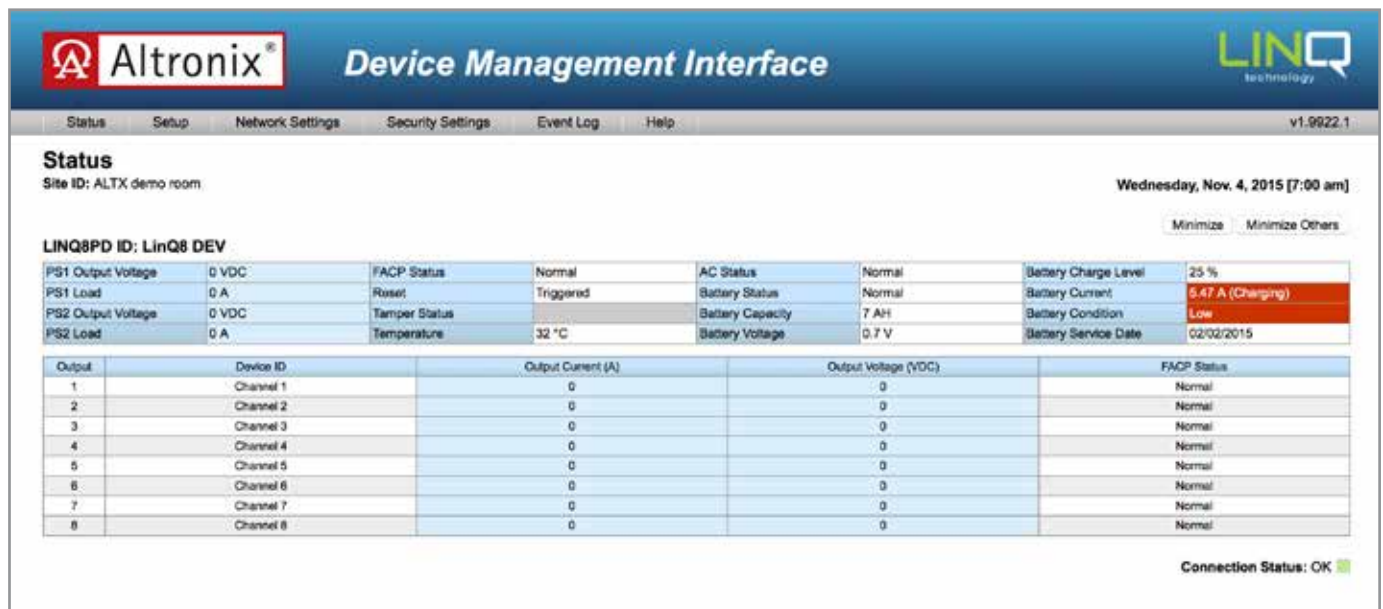
LINQ8PD

Key Features

- 8 fuse or PTC protected outputs.

- Management interface for up to two (2) eFlow power supply/chargers.

- Two (2) network controlled Form "C" relays.

- Management interface software included (USB flash drive).

- Includes interface cables.

- Lifetime Warranty / Made in the U.S.A.

Status Screen (Example)

Altronix®	Device Management Interface				LINQ
Status	Setup	Network Settings	Security Settings	Event Log	Help

Status
Site ID: ALTX demo room

Wednesday, Nov. 4, 2015 [7:00 am]

Minimize Minimize Others

LINQ8PD ID: LinQ8 DEV

PS1 Output Voltage	0 VDC	FACP Status	Normal	AC Status	Normal	Battery Charge Level	25 %
PS1 Load	0 A	Reset	Triggered	Battery Status	Normal	Battery Current	5.47 A (Charging)
PS2 Output Voltage	0 VDC	Tamper Status		Battery Capacity	7 AH	Battery Condition	Low
PS2 Load	0 A	Temperature	32 °C	Battery Voltage	0.7 V	Battery Service Date	02/02/2015

Output	Device ID	Output Current (A)	Output Voltage (VDC)	FACP Status
1	Channel 1	0	0	Normal
2	Channel 2	0	0	Normal
3	Channel 3	0	0	Normal
4	Channel 4	0	0	Normal
5	Channel 5	0	0	Normal
6	Channel 6	0	0	Normal
7	Channel 7	0	0	Normal
8	Channel 8	0	0	Normal

Connection Status: OK

LINQ8PD and LINQ8PDCB
Network Power Distribution Modules

Specifications

Input

Voltage/Current 12VAC - 28VAC/12.5A each or
12VDC - 28VDC/12.5A each.

Note: Do connect AC and DC simultaneously to INP1 and INP2.

Outputs

Output Ratings Eight (8) fused outputs rated 3A (LINQ8PD).

Eight (8) PTC outputs rated 2.5A (LINQ8PDCB).

Other Power output(s) can be locally or remotely controlled.

Surge suppresion.

Status Monitoring

Power Supply(ies) output voltage and load.

Voltage and load of each output.

FACP trigger and reset status.

Unit temperature (Celsius).

Power Supply AC and Battery status.

Battery health.

Indicators (LED)

Bat Local	Charging current status.
FACP	Triggered / Released.
Input	Input signal.
Out1 - Out8	Output status.

Reporting:

Windows Dashboard Alert messages.

E-mail notifications.

Event Log tracks history.

Programming Features:

Power Supply(ies) voltage and load limits (High/Low).

FACP trigger type (wet or dry-N.O./N.C.).

Input Function (FACP reset/tamper).

Output Reset Trigger (N.O./N.C.).

Battery Monitor Configuration:
- Capacity
- Charge Level
- Max. Charge and Discharge Current
- Service Date.

Configurable Output Relay(s).

Individual Output Configuration:
- Device ID
- Voltage and Current Limits (High/Low)
- FACP Trigger Setting (latching/non-latching/inactive)
- Battery Backup.

Fire Alarm Interface:

Supervised FACP disconnect (Latching or Non-Latching).

FACP reset (N.C. or N.O.).

Physical and Environmental

Dimensions (L x W x H)
5.5" x 3.625" x 0.96" (139.7mm x 92.07mm x 24.38mm).

Product Weight	0.4 lbs. (0.18kg).
Shipping Weight	0.7 lbs. (0.32kg).
Temperature	
Operating	-20°C to 49°C (-4°F to 120.2°F).
Storage	-30ºC to 70ºC (-22ºF to 158ºF).
Relative Humidity	85% +/-5%.