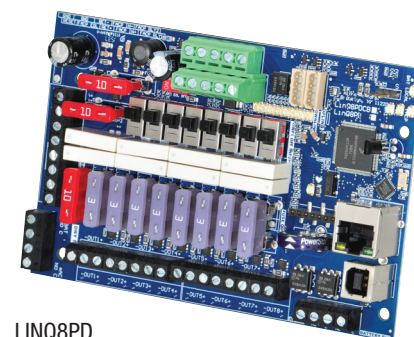# Altronix®

LINQ8PD and LINQ8PDCB
Network Power Distribution Modules

LINQ™

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.
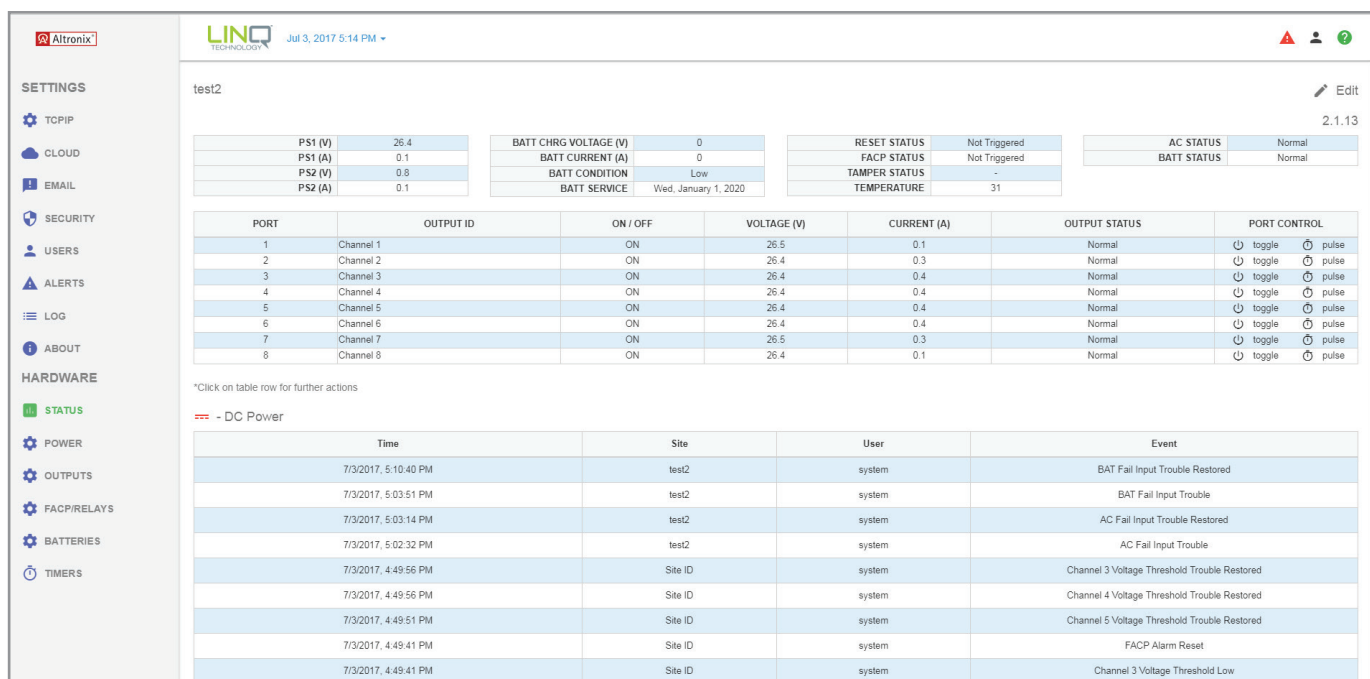
LINQ8PD

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

Status Screen (Example)

Altronix® | LINQ TECHNOLOGY | Jul 3, 2017 5:14 PM

SETTINGS
- TCPIP
- CLOUD
- EMAIL
- SECURITY
- USERS
- ALERTS
- LOG
- ABOUT

HARDWARE
- STATUS
- POWER
- OUTPUTS
- FACP/RELAYS
- BATTERIES
- TIMERS

test2
✎ Edit
2.1.13

PS1 (V)	26.4	BATT CHRG VOLTAGE (V)	0	RESET STATUS	Not Triggered	AC STATUS	Normal	
PS1 (A)	0.1	BATT CURRENT (A)	0	FACP STATUS	Not Triggered	BATT STATUS	Normal	
PS2 (V)	0.8	BATT CONDITION	Low	TAMPER STATUS	-			
PS2 (A)	0.1	BATT SERVICE	Wed, January 1, 2020	TEMPERATURE	31			

PORT	OUTPUT ID	ON / OFF	VOLTAGE (V)	CURRENT (A)	OUTPUT STATUS	PORT CONTROL	
1	Channel 1	ON	26.5	0.1	Normal	⏻ toggle	⏱ pulse
2	Channel 2	ON	26.4	0.3	Normal	⏻ toggle	⏱ pulse
3	Channel 3	ON	26.4	0.4	Normal	⏻ toggle	⏱ pulse
4	Channel 4	ON	26.4	0.4	Normal	⏻ toggle	⏱ pulse
5	Channel 5	ON	26.4	0.4	Normal	⏻ toggle	⏱ pulse
6	Channel 6	ON	26.4	0.4	Normal	⏻ toggle	⏱ pulse
7	Channel 7	ON	26.5	0.3	Normal	⏻ toggle	⏱ pulse
8	Channel 8	ON	26.4	0.1	Normal	⏻ toggle	⏱ pulse

*Click on table row for further actions

--- - DC Power

Time	Site	User	Event
7/3/2017, 5:10:40 PM	test2	system	BAT Fail Input Trouble Restored
7/3/2017, 5:03:51 PM	test2	system	BAT Fail Input Trouble
7/3/2017, 5:03:14 PM	test2	system	AC Fail Input Trouble Restored
7/3/2017, 5:02:32 PM	test2	system	AC Fail Input Trouble
7/3/2017, 4:49:56 PM	Site ID	system	Channel 3 Voltage Threshold Trouble Restored
7/3/2017, 4:49:56 PM	Site ID	system	Channel 4 Voltage Threshold Trouble Restored
7/3/2017, 4:49:51 PM	Site ID	system	Channel 5 Voltage Threshold Trouble Restored
7/3/2017, 4:49:41 PM	Site ID	system	FACP Alarm Reset
7/3/2017, 4:49:41 PM	Site ID	system	Channel 3 Voltage Threshold Low

Specifications

Input

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

Note: Do not 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:
- Battery condition (Low/Normal/Missing)
- 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 lb. (0.18kg)
Shipping Weight   0.7 lb. (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%.