Altronix®

LINQ8PDCB
Network Power Distribution Module

LINQ8PDCB

Overview

Altronix LINQ8PDCB network power distribution module facilitates monitoring, reporting and control of one (1) or two (2) low voltage AC or supervised DC power supply/chargers over the network. It reports diagnostics via Email/SNMP notifications greatly reducing system downtime and eliminating unnecessary service calls. LINQ8PDCB retrofits with most currently installed multi-output power supply/chargers.

Specifications/Features:

Input Power:
• Input1/Input2: 12VAC-28VAC @ 12.5A each or 12VDC/28VDC @ 12.5A each.
   Note: Do connect AC and DC simultaneously to INP1 and INP2.

Outputs:
• Eight (8) PTC protected outputs rated 2.5A.
• Power output(s) can be locally or remotely controlled.
• Surge Suppression.

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.

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.

Programming Features (cont'd):
• Configurable Output Relay(s).
• Individual Output Configuration:
   - Device ID
   - Voltage and Current Limits (High/Low)
   - FACP Trigger Setting (latching/non-latching/inactive)
   - Battery Backup.

Network Security:
• Secure Socket Layer (SSL).

Reporting:
• SNMP trap messages.
• E-mail notifications.
• Event Log tracks history.

Fire Alarm Interface:
• Supervised FACP disconnect (Latching or Non-Latching).
• FACP reset (N.C. or N.O.).

Environmental:
• Operating temperature: -20° to 49°C (-4° to 120.2°F).
• Storage temperature: -30ºC to 70ºC (-22º to 158ºF).

Mechanical:
• Board Dimensions (L x W x H): 5.5" x 3.625" x 0.96" (139.7mm x 92.07mm x 24.38mm)
• Product weight (approx.): 0.4 lbs. (0.18kg).
• Shipping weight (approx.): 0.7 lbs. (0.32kg).

Status Screen *(example)*

Device Management Interface

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LINQ technology

| Status | Setup | Network Settings | Security Settings | Event Log | Help | | v1.9922.1 |

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