

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

PQCPC22A1

Advanced Control Platform (ACP) - Premium



Electrical:

Power Supply	24 VAC 60 Hz
Power Consumption	22 VA

40 VA transformer recommended.

Surrounding Conditions:

Operating Temperature	-4-140 °F
Storage Temperature	-4-176 °F
Humidity	0-95% (non-condensing)

Unit Data:

Dimensions	10-11/16" W x 6-3/16" H x 2-5/8" D
Maximum Number of Devices	256 (64 per V-Net)
Maximum Number of Outdoor Units	16 per V-Net

Standard Features:

- 20 x 4 Character LCD
- Indoor Unit Control/Monitoring by Groups/Indoor Units
- Web Access with User Access Control
- Error History Log
- Forced Off Digital Input

Basic Unit Functions

- Operation – On/Off
- Mode – Auto/Cool/Dry/Heat/Fan Only
- Setpoint
- Fan Speed – Auto/Low/Med/High
- Louver Swing

Advanced Unit Functions

- 200 Programmable Schedule Events with control of Setpoint, On/Off, Mode, Fan Speed, Controller Lock, and Louver Swing
- Temperature Setpoint Range Limit
- Remote Controller Lock (All, Setpoint, Mode)
- Manual Control and Scheduling of Digital Output Kit
- Peak/Demand Control
- SD Card Slot for V-Net Communication Logging
- Power Distribution Indicator (PDI) Integration (optional)

Notes:

Must follow installation instructions in the applicable LG installation manual.

Optional Accessories (sold separately)

- Digital Output Kit - PQNFP00T0
- Power Distribution Indicator (PDI) - PQNUD1S41

Connectivity:

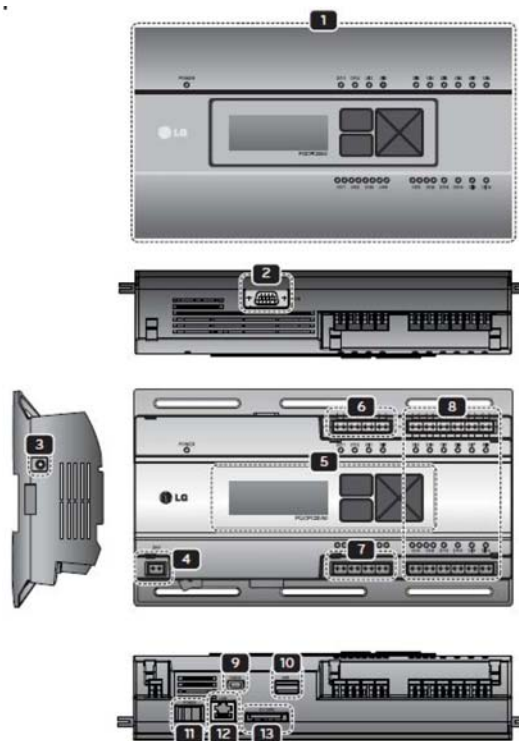
LG Communications	4 Channel/RS-485 V-Net
Ethernet	10/100 BASE-T

Communications Cabling Specifications (V-Net):

Type	2-conductor, stranded, shielded copper cable/PVC or vinyl jacket
Size	AWG 18-2
Maximum Length	3,280 (end to end)

AWG - American Wire Gauge

Description:



- | | |
|---------------------------|---|
| 1 Cover | 8 Expanded I/O and Comm (Reserved for future use) |
| 2 RS-232 Console Port | 9 Mini USB Port |
| 3 Not Used | 10 USB Port |
| 4 24 VAC Input | 11 Power Button |
| 5 LCD/Navigation Buttons | 12 Ethernet Port |
| 6 Standard Inputs/Outputs | 13 SD Card Slot |
| 7 V-Net Comm Ports | |