

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

**PQCSZ250S0**

AC Ez



**Electrical:**

|                   |                            |
|-------------------|----------------------------|
| Power Supply      | 12 VDC (from outdoor unit) |
| Power Consumption | 3 W @ 12 VDC               |

**Surrounding Conditions:**

|                       |                        |
|-----------------------|------------------------|
| Operating Temperature | 14-122 °F              |
| Storage Temperature   | 4-158 °F               |
| Humidity              | 0-98% (non-condensing) |

**Unit Data:**

|                                |                                |
|--------------------------------|--------------------------------|
| Dimensions                     | 7-1/2" W x 4-3/4" H x 11/16" D |
| Maximum Number of Indoor Units | 32 (Per AC Ez)                 |
| Maximum Number of Controllers  | 16 (Per V-Net)                 |

**Standard Features:**

- 4-1/4" Backlit LCD
- Clock
- Indoor Unit Control/Monitoring by All/Groups/Indoor Units

**Basic Functions**

- Group selection button (1 or 2)
- Operation – On/Off
- Mode – Auto/Cool/Dry/Heat/Fan Only (for AC unit)
- Ventilation mode (for ventilator unit)
- Temperature setpoint
- Fan speed – Auto/Low/Med/High/Power
- Instantaneous room temperature display
- Discharge vanes – Auto Swing/Fixed<sup>1</sup>
- Controller lock all function – On/Off/Setpoint/Mode/Fan Speed
- LED indicator for operating status
- Error code display during unit or system malfunction
- Power failure compensation (2 hours max)
- Up to 16 AC Ez controllers and 256 indoor units

**Advanced Function**

- 8 programmable schedules with mode and setpoint control
- Holiday schedule override

**Notes:**

1. Model specific, not available on all models.
2. Must follow installation instructions in the applicable LG installation manual.

**Connectivity:**

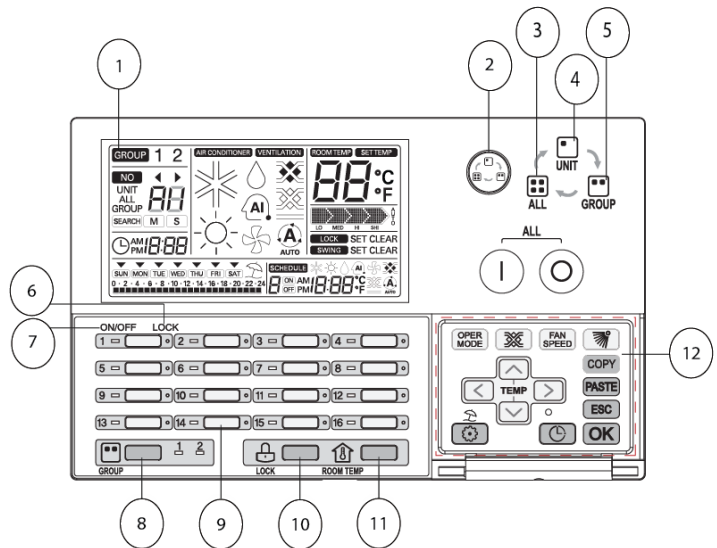
|                   |                        |
|-------------------|------------------------|
| LG Communications | 1 Channel/RS-485 V-Net |
|-------------------|------------------------|

**Communications Cabling Specifications (V-Net):**

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

AWG - American Wire Gage

**Description:**



- |  |                                      |
|--|--------------------------------------|
| 1 Display LCD Screen   | 7 On/Off display LED (Total 16 each) |
| 2 Control Range Button   | 8 Group Select Button                |
| 3 ALL: Connect indoor units of all groups (same product type only) | 9 Individual On/Off Button           |
| 4 UNIT: Individual indoor unit                                     | 10 Lock Set/Clear Button             |
| 5 GROUP: Connect indoor units of corresponding groups              | 11 Room Temp. Display Button         |
| 6 Lock status display LED by each unit                             | 12 Detail Control & Setting Panel    |