

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other _____

Architect:

GC:

Engr:

Mech:

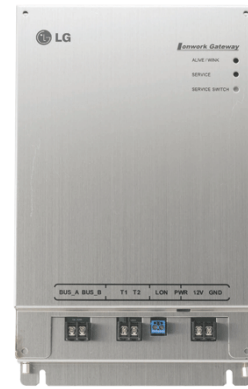
Rep:

(Company)

(Project Manager)

PQNFB16A1

LonWorks® Gateway



Electrical:

| | |
|-------------------|----------------------|
| Power Supply | 100-240 VAC 50/60 Hz |
| Power Consumption | 18 W @ 12 VDC |

Surrounding Conditions:

| | |
|-----------------------|--------------------------|
| Operating Temperature | 32-104 °F |
| Storage Temperature | -4 - 140 °F |
| Humidity | 0 - 98% (non-condensing) |

Unit Data:

| | |
|---------------------------------|---------------------------------|
| Dimensions | 7-1/8" W x 11-5/8" H x 5-5/8" D |
| Maximum Number of Outdoor Units | 16 |
| Maximum Number of Indoor Units | 64 |
| Temperature Value | °C (1.0° increment) |

Standard Features:

- Integrates Multi V and Duct-Free Split Systems* with third party building automation systems supporting the LonTalk® (TP/FT-10) Protocol
- LonMark® certified (Version 3.4)
- * Compatibility is dependent on model and requires PI-485 adapter.

Optional Accessories (sold separately):

- PMNFP14A0 - PI-485 V-Net Interface Adapter for DFS

Connectivity:

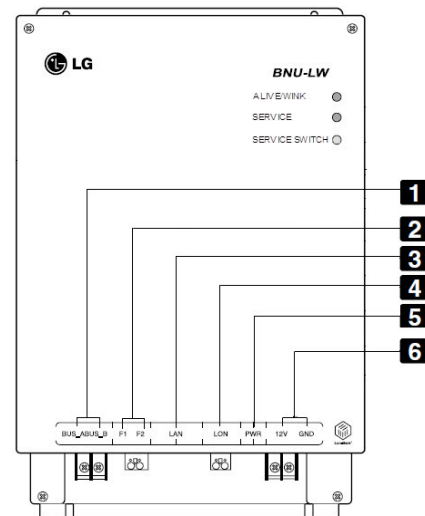
| | |
|--------------------|----------------------------------|
| LG Communications | 1 Channel - 2 Wire/ RS-485 V-Net |
| BMS Communications | TP/FT-10 78Kb/sec |

BMS - Building Management System

Communications Cabling Specifications (V-Net):

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

AWG - American Wire Gage



- 1 BUS_A/BUS_B: LG V-Net RS485 Com Port
- 2 F1, F2: Forced Off Contact Point (non-voltage)
- 3 LAN: Ethernet Com Port (RJ45)
- 4 LON: TP/FT-10 Communication Line (Lonworks)
- 5 PWR: Power Adapter
- 6 12V-GND: Connection for external 12VDC

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Check the appropriate box below to indicate the required integrated points for this project.

| | Function | Description |
|-------------------|--------------------------|--|
| Monitoring | ON/OFF (status) | Monitors ON/OFF status for each A/C or Eco V ventilator |
| | Lock (status) | Indicates if Lock function is active for each A/C or Eco V ventilator |
| | Operation Mode (status) | Monitors the operation mode for each A/C or Eco V ventilator |
| | Swing (status) | Monitors swing mode for each A/C |
| | Fan Speed (status) | Monitors fan speed for each A/C or ventilator |
| | Room Temperature | Monitors the room temperature value for each A/C |
| | Error Code | Indicates the respective error code that occurred from the A/C system, ventilator system, or the network |
| | User Mode (status) | Monitors the user mode for each Eco V ventilator |
| | Set Temperature (status) | Monitors room temperature setpoint value for each A/C |
| Control | ON/Off (setting) | Starts and stops the respective A/C or Eco V ventilator |
| | Lock (setting) | Sets the remote controller lock for the A/C or Eco V ventilator |
| | Operation Mode (setting) | Sets the operation mode of the A/C or Eco V ventilator |
| | Swing (setting) | Sets the air direction for each A/C |
| | Fan Speed (setting) | Sets the airflow of the A/C or Eco V ventilator |
| | Set Room Temperature | Sets the room temperature setpoint of the A/C |
| | User Mode (setting) | Sets the user mode for each Eco V ventilator |