

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

PMNFP14A1

PI485 for Outdoor Unit



Electrical:

Power Supply 220 VAC (from outdoor unit)
20" Wiring Harness (included)

Surrounding Conditions:

Operating Temperature -4 - 176 °F
Storage Temperature -4 - 176 °F
Humidity 0-98% (non-condensing)

Unit Data:

Dimensions 5-3/16" W x 3-5/16" H x 1-3/8" D
Maximum Number of Indoor Units: 64
Maximum Number of Outdoor Units: 1

Standard Features

- PI-485 is a gateway that provides communication between LG Outdoor Units and the LG Central Controllers such as AC Smart IV, ACP IV BACnet, ACP LONworks, etc.

Notes:

- Please contact your LG sales representative for a complete list of compatible DFS units or visit mylghvac.com to view the complete compatibility list.
- Must follow installation instructions in the applicable LG installation manual.

Connectivity:

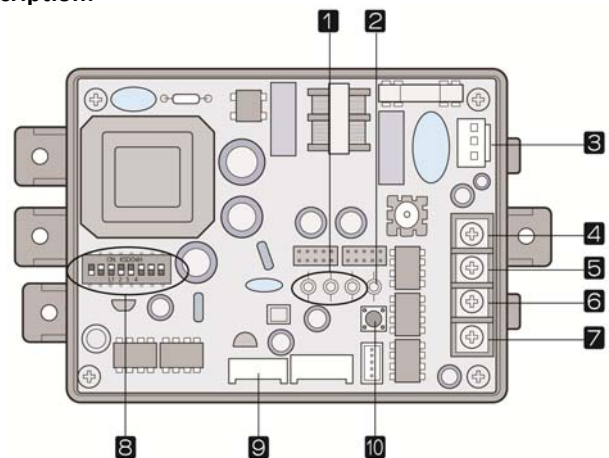
LG Communications 1 Channel/RS-485 V-Net
32" DFS Wiring Harness (included)
Compatible Models¹ DFS Single Zone, Multi F, and Multi F MAX

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 Gauge

Description:



- | | |
|--|----------------------------------|
| 1 LED01G,02G,03G: Communication Status LED | 6 BUS_A: RS-485 (+) Terminal |
| 2 LED1: RS-485 Status LED | 7 BUS_B: RS-485 (-) Terminal |
| 3 CN_PWR: AC 220V Connector | 8 DIP Switch: Product Selection |
| 4 +10V: DC 10V Terminal | 9 CN_OUT: Outdoor Unit Connector |
| 5 GND: Ground | 10 Reset Switch: PI485 (M) Reset |

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Life's Good

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