

Job Name/Location:

Tag #:

Date:

For:	File	Resubmit
	Approval	Other _____

PO No.:

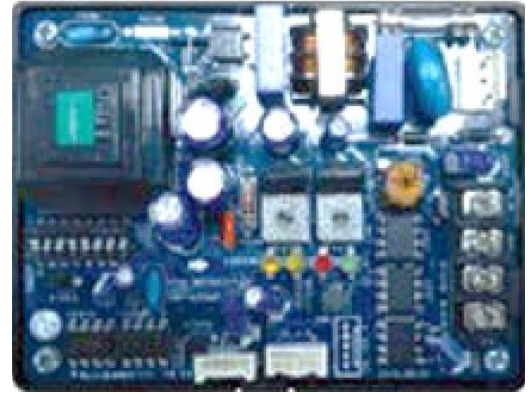
Architect: GC:

Engr: Mech:

Rep: (Company) (Project Manager)

PP485A00T

PI-485 Gateway for AWHP Monobloc



**Electrical**

Power Supply: 220 VAC (from Outdoor Unit via CN\_PWR)  
 Note: If AC Smart 5 (PACS5A000) is being used, DC 10V Terminal and Ground Terminal must be connected.  
 Otherwise, do not use these terminals.

**Unit Data**

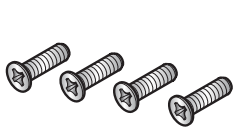
L x W: 4.64 in. x 3.13 in.  
 Maximum Number of Indoor Units: 1  
 Maximum Number of Outdoor Units: 1

**Connectivity**

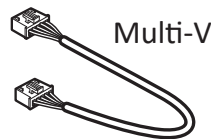
LG Communications: 1 Channel / RS-485 V-Net

**Included Wires**

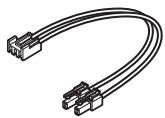
- Multi V Wire Assembly 1 (QTY 1)
- Multi Wire Assembly 2 (QTY 1) (Power Connection)
- Wire Assembly 3 (QTY 1) (Communication)



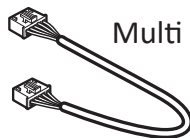
SCREW (4EA)



WIRE ASSY 1(1EA)



WIRE ASSY 2(1EA)



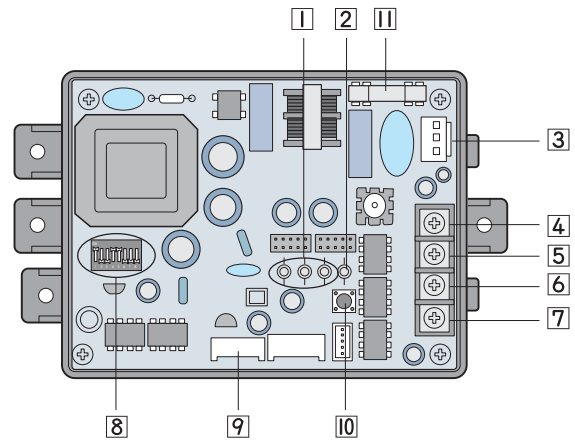
WIRE ASSY 3(1EA)

Note:  
 Must follow installation instructions in the applicable LG installation manual.

**Communications Cabling Specification (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)

**PI-485 Gateway for LG Air-to-Water Heat Pump (AWHP) Monobloc**



- 1 LED01G, 02G, 03G: Communication Status LED
- 2 LED1: RS-485 Status LED
- 3 CN\_PWR: 220V~ Connector
- 4 \_10V: DC 10 V Terminal
- 5 GND: Ground
- 6 BUS\_A: RS-485 (+) Terminal
- 7 BUS\_B: RS-485 (-) Terminal
- 8 DIP Switch: Product Selection
- 9 CN\_OUT: Outdoor Unit Connector
- 10 Reset Switch: PI485(M) Reset
- 11 Fuse: 250 V / 3.15 A