

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

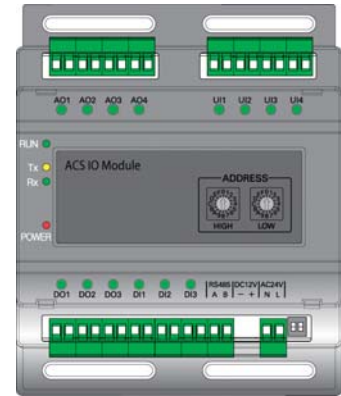
Rep:

(Company)

(Project Manager)

PEXPMB000

I/O Module



Electrical:

Power Supply 24 VAC Power, 500 mA

Surrounding Conditions:

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

Unit Data:

Dimensions 6" W x 2-1/2" H x 5" D

Input/Output Data:

Analog Input NTC 10K, PT 1000, Ni 1000
DC Voltage 0-10V
DC Current 0-20 mA
Digital Input Binary (Dry Contact)
Digital Output
Contact Rating 2A@30 VAC/DC
Analog Output Voltage (Min/Max) 0V/10V

Standard Features:

- Enables application-specific and configurable control strategies for 3rd party sensors, controllers, and end-devices in conjunction with the AC Smart IV and the ACP IV controller.
- 4 - Analog Outputs
- 3 - Digital Outputs
- 3 - Digital Inputs
- 4 - Universal Inputs (configurable via the central controller)

Notes:

1. Contact the Engineering Department for a list of compatible DFS units.
2. Must follow installation instructions in the applicable LG installation manual.
3. This module can only be connected with the AC Smart IV and the ACP IV.
4. Analog outputs are two position only.

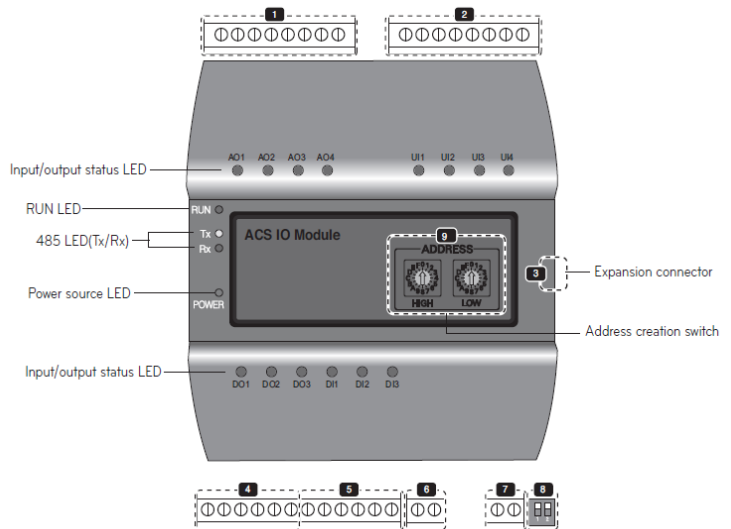
Connectivity:

LG Communications AC Smart IV/ ACP IV RS-485 Channel
Maximum Connections 16 I/O Modules to 1 AC Smart IV or ACP IV

Communications Cabling Specifications:

Type 2-conductor, stranded, shielded copper cable
Size AWG 18 x 2
Maximum Length 3,280 ft (end to end)

AWG - American Wire Gauge



Description:

- 1 AO Port (control signal interconnect)
- 2 UI Port (control signal interconnect)
- 3 Expansion connector (Not used)
- 4 DO Port (control signal interconnect)
- 5 DI Port (control signal interconnect)
- 6 RS485 Communication Unit
- 7 24 V - Power input port
- 8 Dip Switch (Not used)
- 9 Rotary Switch (ACS IO address creation)