

OVERVIEW

Interface card which accepts both analog and digital (contact closure) signals. The L2-AD also acts as a programmable global switch.

FEATURES

- Up to 14 "trigger" points may be set. Each trigger may be programmed at a unique analog input level or from any of the digital inputs to control a unique group of relays
- Mounted in a relay panel or optional remote enclosure
- Analog inputs will operate with any variable resistance analog device including humidity sensors, thermal sensors, GR 2400 photosensors, etc. Call the factory for help in calibrating the card to your sensor
- Onboard disable inputs are controlled via contact closure. Disable inputs will disable analog inputs only

SPECIFICATIONS

Card dimensions:	2.75" x 4.0"	Acceptable Photosensor	
Standard mounting:	In any relay panel	Types:	PCI (indoor), PCO (outdoor)
Optional enclosure rating:	NEMA 1		
Enclosure dimensions:	8" w x 6" h x 4" d	Max. L2-A2 cards:	20 per GR 2400 bus, 2000 per GR 2400 LAN
Analog inputs:	3		
Reference voltage:	8.2VDC	Power Consumption:	80 mA @ 12 VDC
Input range:	0 - 4.1VDC	Power Supply:	12V from bus
Display range:	1 - 1000	Humidity:	10% - 90% non-condensing
Digital inputs:	4	Ambient temperature:	0° - 90° F




**LINK TO™ ANALOG
AND DIGITAL
INPUTS**

Warranty

Three-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

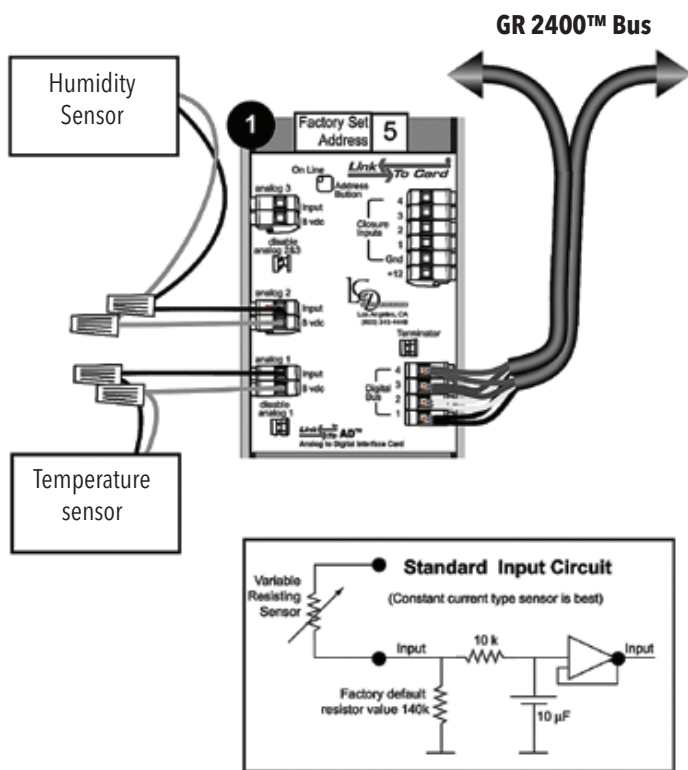
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

ORDERING INFORMATION

LINK-TO ANALOG AND DIGITAL INPUTS		
System and Type	Link-to Type	Transformer, Mount and Enclosure Type
GR2400 L2	ADI = Analog/Digital Inputs	DV SM NE1 = Dual voltage 120/277V, surface mount, NEMA 1 DV FM NE1 = Dual voltage 120/277V, flush mount, NEMA 1 DV SM NE4 = Dual voltage 120/277V, surface mount, NEMA 4 347V SM NE1 = 347 volt, surface mount, NEMA 1 347V FM NE1 = 347 volt, flush mount, NEMA 1 347V SM NE4 = 347 volt, surface mount, NEMA 4

OVERVIEW



Wiring

1. Connect analog devices to the analog inputs with 2 #18AWG, not to exceed 1,000 ft.

Contact closure devices are wired with 1 #18AWG per input and one common (1 #18AWG) Set Up

2. Under PANEL/SWITCH TYPES, select the correct address and set it as ANALOG/DIGITAL

Programming

3. In the PROGRAM SWITCH Menu, choose ANALOG/DIGITAL at the appropriate address

4. Select the correct Trigger (T1 - T14)

5. Assign loads in the same manner as a digital switch

6. In the SENSOR Menu, use the Scroll Button to select the correct input to drive that Trigger

7. Tab to the Time Delay and Trigger levels (Analog Inputs only). Use the Scroll Button to set levels

Note: Contact the factory for assistance in calibrating sensors to read out specific values on the clock

ADDRESSING PAGE 1-19
ID1 : 2408 as LCP1
ID2 : 2404 as LCP2
ID3 : 2 BTN SWITCH
ID4 : 2 BTN SWITCH
ID5 : ANALOG/DIGITAL
ID6 : UNUSED
ID7 : UNUSED

SWITCHES PAGE 1-1
#3:
#4:
#5: ANALOG/DIGITAL

SELECT BTN SWI ID#5
PAGE 1-3
T1: Atrium Trigger
T2: Atrium Humidity
T3: TRIGGER 3
T4: TRIGGER 4
T5: TRIGGER 5
T6: TRIGGER 6

Name: Atrium Elec Fan
EDIT: LCP-2 LOAD-4
LCP2: 4

SENSOR ID#5-2
Analog2: 0014
Time Delay: 05 min
On when level
falls below: 0020
Off when level
rises above: 0035

SENSOR ID#5-2
Analog2: 0014
Time Delay: 05 min
On when level
falls below: 0020
Off when level
rises above: 0035