

## OVERVIEW

Link-To Building Automation cards connect building automation devices to a GR 2400 lighting control system. The Link-To Building Automation card uses the BACnet/IP protocol to interface with building automation.

The Link-To Building Automation cards accept ON/OFF commands expanding any building automation package to include:

- Communication-based Chelsea *DigitalSwitches*
- "Flick Warn" option for notifying room occupants of an impending lighting shut-off
- Remotely adjustable multi-trip-point photosensor(s)
- Gateway cards that accept control and report real-time status of all relays

## FEATURES

- Ability to link up to 126 digital addresses via CAT5 patch cable with RJ45 connectors

## SPECIFICATIONS

Enclosure dimensions:	8.375" w x 8.375" h x 3.125" d
Enclosure type:	Surface mount NEMA 1
Optional enclosures:	Surface mount NEMA 4 Flush mount NEMA 1 only
Optional mounting:	In relay panel
Power supply inputs:	120/277VAC or 347VAC
Max. humidity:	10% – 90% non-condensing
Ambient temperature:	32–104° F (0–40° C)
Bus physical layer:	RS 485 (GR 2400 bus)
Interface protocol:	BACnet/IP
Listings:	UL and cUL listed

## Warranty

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

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

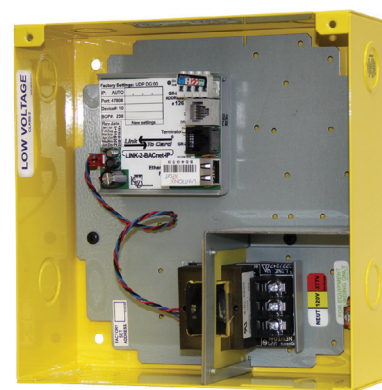
**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

**AcuityControls**

LC&D™

## GR 2400™ Link-To Building Automation (BacNet)



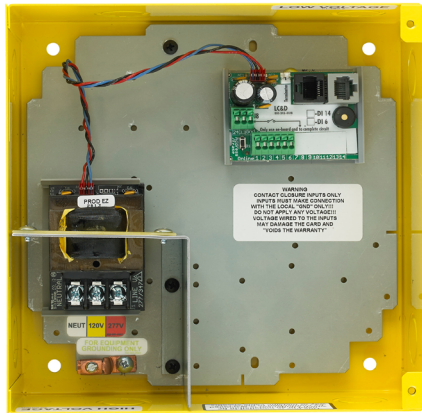
## ORDERING INFORMATION

LINK-TO™ BUILDING AUTOMATION		Example: GR2400 L2 MOD2B32 DV SM NE1	
System and Type	Link-to Type	Transformer, Mount and Enclosure Type	
GR2400 L2	BACNETIP      BACnet/IP <sup>1</sup>	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
		347 SM NE1	347V, surface mount, NEMA 1
		347 FM NE1	347V, flush mount, NEMA 1
		347 SM NE4	347V, surface mount, NEMA 4

<sup>1</sup> = Required to choose a transformer, mount and enclosure type.

## OVERVIEW

### DigiLink Interface



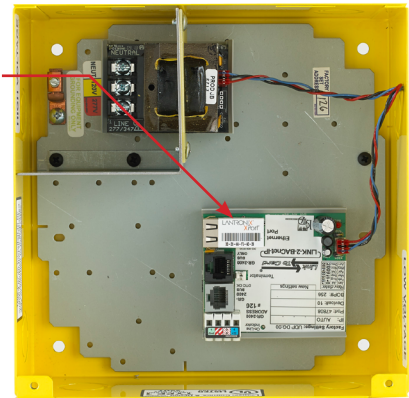
Low-Voltage compartment access door

Power Supply:  
Specify transformer  
120/277VAC or 347VAC

14 contact closure inputs

GR 2400 Bus connectors  
(2) RJ45 connectors  
(1) Spring-cage terminal block  
direct plug-in

### Link-To Building Automation (BACnet® Gateway)



Ethernet output  
to BACnet

