

OVERVIEW

The Link-To DMX card connects a DMX-based system to a GR 2400 lighting control system. Ideal for applications which require the powerful features of the GR 2400 system and a DMX "take-over", the Link-To DMX card provides a single interface for both systems and allows up to 14 global commands to all relay panels in the GR 2400 bus.

The DMX start address may be manually set to any address at the Link-To DMX card via the multifunction push buttons. Controls automatically respond to the next 13 addresses for a total of 14 programmable inputs.

FEATURES

- Ability to link up to 127 digital devices via CAT5 patch cable with RJ45 connectors

SPECIFICATIONS

Enclosure dimensions:	8.375" w x 8.375" h x 3.125" d
Card dimensions:	4" w x 6.25" h
Enclosure type:	Surface mount NEMA 1
Optional enclosures:	Surface mount NEMA 4
	Flush mount NEMA 1 only
Addresses used:	(1)
Power supply inputs:	120/277VAC or 347VAC
Power consumption:	80mA @ 12VDC
Max. humidity:	10% - 90% non-condensing
Ambient temperature:	32–104° F (0–40° C)
Bus physical layer:	RS 485
Interface protocol:	DMX512 & DMX512A compatible
Listings:	UL and cUL listed

Warranty

Three-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

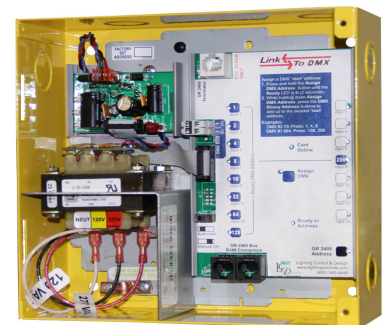
Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

AcuityControls[™]

LC&D[™]

GR 2400[™] Link-To DMX



ORDERING INFORMATION

LINK-TO [™] DMX		Example: GR2400 L2 512A DV SM NE1	
System and Type	Link-To Type	Transformer, Mount and Enclosure Type	
GR2400 L2	512A DMX ¹	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

1 = Required to choose a transformer, mount and enclosure type

SPECIFICATIONS (CONT.)

Line-Voltage Compartment:

- Power supply inputs: 120/277VAC or 347VAC

Low-Voltage Compartment:

Link-To DMX card

- DMX input (screw terminal)
- GR 2400 bus (RJ45)

- Manual (test) push buttons for each DMX channel (if no DMX signal)
- DMX address buttons (see manual)
- GR 2400 address button

OVERVIEW

The Link-To DMX control card converts 14 contiguous DMX channels into 14 global GR 2400 switch commands. When the level set to that channel exceeds 90% the switch sends out an ON command. When it drops to less than 10% it sends out an OFF command. See the GR 2400 manual for switch programming information.

Line and Low Voltage Connections

Panel power supply may be 120V or 277V. Ground is for equipment only.

Connect XLR Pin #2 to DMX input #2 and XLR Pin #3 to DMX input #3. If end of line, connect a 120 ohm resistor across DMX inputs #2 and #3.

