

## OVERVIEW

The GR2400 Master Controller is a self-contained Digital Time Clock (DTC) for GR2400 systems which is installed and connected to any convenient point on the GR2400 bus. The Master Controller has its own enclosure and power supply, plus space to install additional interface cards for a more compact system.

## FEATURES

- Use as a booster to provide additional current to GR2400 buses to help power passive devices and avoid additional power boosters
- Universal enclosure which may be surface or flush mounted
- Optional additional interfaces including a Link-To BAS card and Link-To PC card
- Ability to connect to a modem for remote or distributed system
- Hinged locking door
- Remote programming via modem

## SPECIFICATIONS

### Dimensions

8.25" W x 13.25" H x 4" D

### Electrical

Power Supply Input: 120/277VAC or 120/347VAC

### Enclosure

Surface mount, hinged locking door, NEMA 1 standard

Surface mount, NEMA 4 available

(When ordering the NEMA 4 enclosure option, you will receive a NEMA 1 enclosure mounted inside a surface mount NEMA 4 enclosure)

### Environmental

Ambient: 32°F to 104°F (0°C to 40°C)

Relative Humidity: 10-90% non-condensing

### Standards

UL and cUL listed

### Bus Physical Layer

RS 485 (GR 2400 bus)

## 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**<sup>™</sup>

LC&D<sup>™</sup>

## GR 2400<sup>™</sup> Master Controller



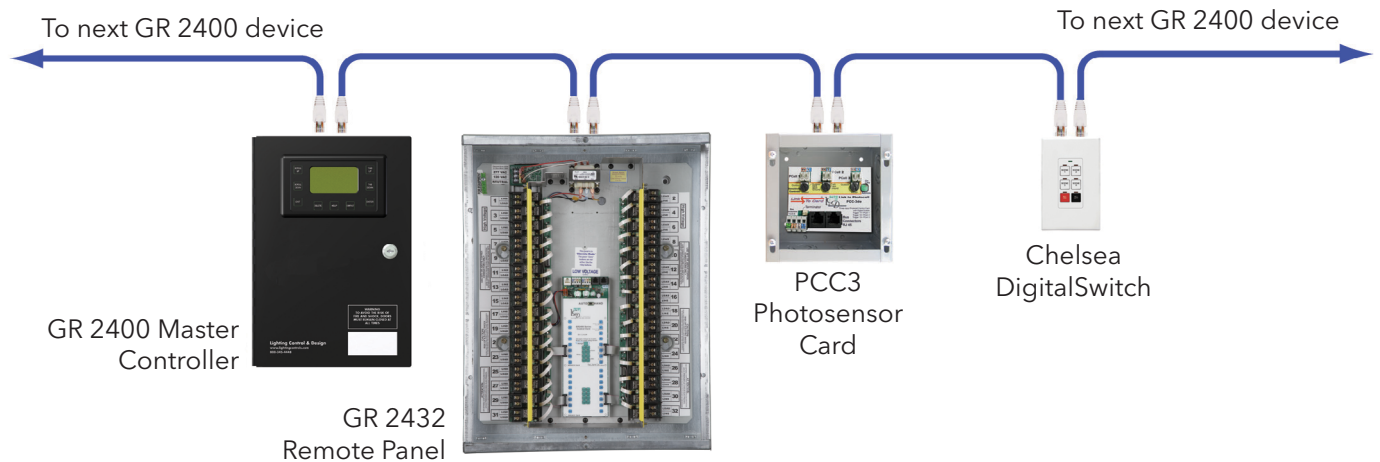
## ORDERING INFORMATION

GR2400										Example: GR2400 DTC DV SM NE1	
Series		Digital Clock/Modem		Transformer		Dry Contact Inputs		Enclosure Mounting, NEMA Rating			
GR2400	Master Controller	DTC	Digital Time Clock	DV	Dual voltage 120/277V	[blank]	None	SM NE1	Surface mount, NEMA 1 <sup>1</sup>		
		DTCMOD	Digital Time Clock w/Modem	CNDV	347V	D14	14 dry contact inputs	SM NE4	Surface mount, NEMA 4		

Notes:

1. SM NE1 option can be selected for Flush Mount applications.

## SYSTEM OVERVIEW



### Title 24 System Component

#### SEISMIC CERTIFICATION:

- Preapproved for use in Category IV structures with an Importance Factor of 1.5
- California Office of Statewide Health Planning and Development (OSHPD) Special Seismic Certification Preapproval (# OSP-0091-10)

Evaluated per the requirements of:

- 2007/ 2010 California Building Code
- Section 13.2.5 of (American Society of Civil Engineers / Structural Engineering Institute) ASCE/SEI 7-05
- Tested to: ICC-ES AC156

## ACCESSORY CARD ORDERING

When ordering additional cards to be mounted in the same enclosure, follow the example below:

- A Link-to-PC card needs to be ordered with this system. It would normally have its own enclosure and be ordered as:  
**GR2400 L2 PC232 115K DV SM NE1**  
(DV SM NE1 indicates the Link-to-PC card will be mounted in a surface mount NEMA 1 enclosure with dual voltage transformer installed)
- Instead, order the card Link-to-PC card only as a separate item:  
**GR2400 L2 PC232 115K**

The Link-to-PC card will be installed in the Master Controller enclosure.

Note: XPoint Router Cards are excluded from the options available for additional cards.