Catalog Number: Date: Project

OVERVIEW

The Blue Box LT series is a cost-effective, simple alternative to traditional time clocks, twist timers, and contractor packages. The Blue Box LT comes in three enclosure sizes, each with a compact footprint that saves valuable space in retail settings, open offices, and other small-to-medium sized projects.

The Blue Box LT arrives pre-assembled and ready for installation. The Master Panel may be networked with up to 16 digital devices including remote relay panels, switches and photocells. The additional input for an outdoor photosensor may be programmed to control any relay(s) on the bus, allowing the Blue Box LT to replace expensive line-voltage cabling for override switches and photocells.

The Blue Box LT series is compatible with LC&D's GR 2400 system and accessories and can be customized to include a dimming relay for simple dimming control.

FEATURES

- 100% digital
- UL listed 30A Ballast/HID, 20A Tungsten, 18,000A Short Circuit Current Rating (SCCR) @ 277V Normally Closed latching relays (NCL)
- Simple networking via Cat. 5 cable with RJ45 connectors
- Hinged locking door

Warranty

3-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.



Blue Box...

Blue Box™ LT



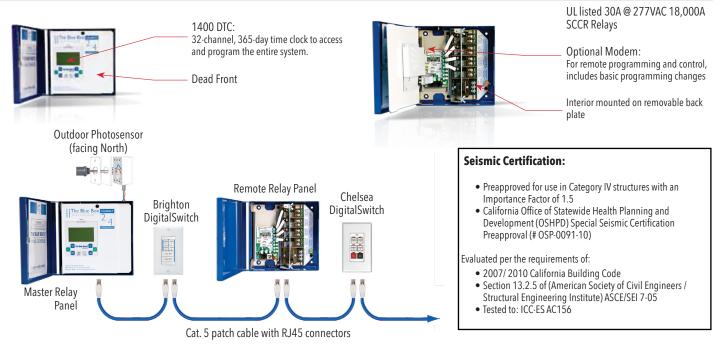
ORDERING INFORMATION

ENCLOSURE								E.	xample: GR	(1404 LI E	INC SM NE
Dalau Banal Fra	ala auma		Manualina MEMA Dation1								
Relay Panel Enclosure			Mounting, NEMA Rating ¹								
GR1404 LT ENC 4 relay enclosure GR1408 LT ENC 8 relay enclosure GR1416 LT ENC 16 relay enclosure		SM NE1 Surface Mount, NEMA 1 FM NE1 Flush Mount, NEMA 1 SM NE4 Surface Mount, NEMA 4 SM NE12 Surface Mount NEMA 12									
								E	kample: GR	1404 LT E	NC SM NE1
Relay Panel Interior F		Relays		Clock Option		Transformer		Input Card		Voltage Barrier ⁴	
GR1404 LT INT GR1408 LT INT GR1416 LT INT	4 relay interior 8 relay interior 16 relay interior	(qty)NCL (qty)NOL (qty)DPNC (qty)DPNO (qty)RRNO (qty)SPTD (qty)SPDTC	Normally closed latching ² Normally open latching ² Double pole normally closed ³ Double pole normally open ³ Reed relay normally open (pair) ³ Single pole double throw ² Single pole double throw contactor ²	DTC DTCMOD REMOTE	Digital time clock Digital time clock with modem Remote panel, no clock	DV CNDV 347	Dual voltage 120/277V Canadian dual voltage ⁴ 347V ⁵	[blank] D14	none 14 inputs	[blank] 1VB 2VB	none 1 barrier 2 barriers

Votes:

- Acceptability of internal barrier for normal and emergency power separation is up to the discretion of the authority having area jurisdiction.
- 2. If GR1404 then (2) or (4), If GR1408 then (4) or (8), and If GR1416 then (8) or (16)
- 3. If GR1404 then (1) or (2), If GR1408 then (2) or (4), and If GR1416 then (4) or (8)
- 4. GR1408 and GR1416 only
- 5. GR1404 only

ONE PRODUCT... THREE SOLUTIONS



Title 24 System Component

SPECIFICATIONS

Enclosure dimensions: GR1404LT (2 or 4 relays)

Relay:

NEMA 1 - 8.4" w x 8.4" h x 3.125" d NEMA 4/4X/12 - 12" w x 16" h x 6" d

GR1408LT (4 or 8 relays)

NEMA 1 - 8.4" w x 13.4" h x 3.125" d NEMA 4/4X/12 - 16" w x 20" h x 6" d

GR1416LT (8 or 16 relays)

NEMA 1 - 10.6" w x 17.1" h x 3.125" d NEMA 4X - 16" w x 24" h x 8" d NEMA 4/12 - 16" w x 24" h x 6" d

Enclosure type: Surface mount, hinged locking door

Optional enclosures: Surface mount NEMA 4, NEMA 4X and NEMA 12

Flush mount NEMA 1 Normally Closed (NCL)

30A @ 277VAC Ballast and HID 20A @ 120VAC Tungsten 20A @ 347VAC Ballast SCCR 18kA @ 277VAC

Rated 250,000 Cycles

Optional relays: Normally Open (NOL)

2-Pole, NO or NC (480VAC) remote panel only Max. devices per bus: 16 digital devices w/ Blue Box LT Master Panel

Addresses used: GR 1404 (1), GR 1408 (1), GR 1416 (2)

Power supply inputs: 120/277VAC (for all), 120/347VAC (for 1408 &

1416), 347VAC (for 1404 only)

Programming: Via DTC or with GX2 lighting control software

Max. humidity: 10-90% non-condensing
Ambient temperature: 32-104° F (0-40° C)
Bus physical layer: RS485 (GR 2400 bus)
Bus connector: RJ45 connectors

Listings: UL and cUL 916 listed, ETL listed to UL 924 (for

emergency circuit use)