

Control Panel





Blue Box[™]

Description:	The Blue Box system is the 100% digital replacement for traditional time clocks, twist timers and con		
•	tactor packages. Panels and switches daisy-chain together using Cat. 5 patch cable with RJ45 connec-		
	tors in any sequence. A photosensor input supporting the Blue Box outdoor photosensor is provided for		
	controlling exterior lights. Ideal applications include small stand-alone systems such as: tenant improve-		
	ment, specialty retailers and site lighting. Also used as a slave panel with the GR 2400 [™] system.		

- Features: 32-channel, 365-day/astronomical time clock. Large display (21 x 8 characters) acts as programming interface for the entire system. Non-volatile memory holds all programming indefinitely. Ten-year battery back-up for time-of-day
 - · Modem includes free lifetime factory programming
 - Manual override of individual relays, zones or entire panel. 30 A Latching Relay allows default to NC (normally closed) or NO (normally open) on power failure. UL listed for 18,000 amp SCCR at 277V
 - Will operate with all GR 2400 accessories
 - Available with 14 option contact closure inputs
 - · Link up to 16 digital devices via Cat. 5 patch cable with RJ45 connectors

Specifications:

Enclosure dimensions			
Surface:	12" w x 18" h x 6" d (8 or 16 relays)	Power for occ. sensor:	24V/200mA (with DI option)
Enclosure type: Optional enclosures:	Surface mount, hinged cover enclosure with friction catch, NEMA 1 Surface mount NEMA 4, NEMA 4X, NEMA 12	Max. devices per bus: Addresses used: Listings:	16 with Blue Box Master Panel 2 addresses UL and cUL 916 listed, ETL listed to
Relay:	Normally Closed (NCL)	Programming:	Via DTC
	30A @ 277VAC Ballast	Max humidity:	10% – 90% non-condensing
	20A @ 120VAC Tungsten 20A @ 347VAC Ballast	Ambient temperature:	32–105° F (0–41° C)
	SCCR 18kA @ 277VAC Rated 250,000 Cycles	Power supply voltage:	Dual voltage 120/277VAC or Canadian dual voltage 120/347VAC
Optional relays:	Normally Open, (NOL) Spec same as NCL;	Bus protocol:	RS485 (GR 2400 bus)
	Two Pole - NO or NC (480V); Double Throw 20A 277VAC	Bus connector:	RJ45 connectors



2-pole relays, reed relay pairs, and contactor relays all count as two relay spaces (example: a **GR1416 INT** may not have more than 8 2-pole relays).