Smart Crosswalk™ Universal Controller

LightGuard Systems Part Number: LGS-UC-AC MP

Description: Universal Controller AC

Features/Benefits:

- Lightning surge protection
- Internal & external branch circuit protection
- 120 VAC single phase supply
- Nominal 12VDC output
- Lockable NEMA 3R Aluminum cabinet with welded flange brackets
- 4 Solid State outputs support multiple configurations, 6 solid state inputs

Application Notes:

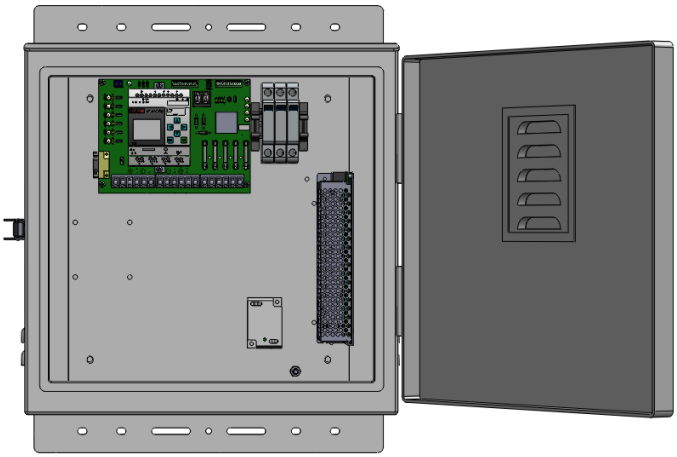
The Universal Controller AC is intended for use at uncontrolled intersections. It accepts call signal inputs from a manual pedestrian push button device (standard or APS) and automatic pedestrian activated detectors (bollards). Solid State outputs (typically flashing light sequence) are activated which visually alert motorists to the presence of pedestrians inside, or about to enter, the crosswalk. The flashing sequence is a factory preset duration (field adjustable) to allow pedestrians adequate street crossing time.

The programmable logic controller user interface consists of keypad + LCD. LightGuard Systems' proprietary software provides effective, reliable operation allowing the user to adjustment the system parameters. All outputs are software controlled and configured by the factory.

The Universal Controller operates LGS DuraFlash™ Plus (IRWL + SMPL), Illuminated Signs, RRFBs, alternating beacons, etc. It is also compatible with most LGS upgrade kits (motion sensor, loop detector, wireless activation, radar, audible notification, etc.).

General Performance Specifications

Parameter	*Value*
Power Consumption	1 Watt (standby mode)
Operating Temp	-20C to 50C
Input Operating Voltage	100-240 VAC, 50-60 Hz
Input Current Protection	5A Fast acting (2 pole circuit breaker)
Input Surge Suppression	13 kA
Output Operating Voltage	13.5 VDC to 15VDC (class 2 power supply)
Output DC Load Max	10 Amps
Enclosure Type	NEMA 3R, vented, Aluminum w/padlock latch
Enclosure Color	Unpainted
Enclosure Size	(H) 20.625" x (W) 17.5" x (D) 12"



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