Global Controls Lighting Control Systems

Controls for the Worldwide Community...
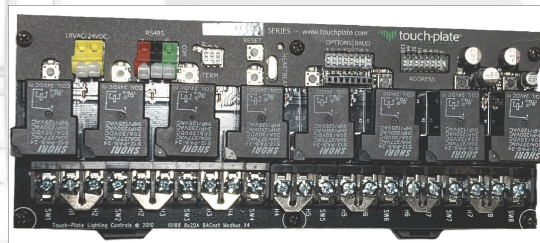

GCS
Global Control Solutions

1125-171 Corporation Parkway / Raleigh, NC 27610 / 919.606.3411

Lighting Control Systems

The GCS line of automated lighting control systems is designed for use in commercial, retail and industrial applications. The systems provide complete time-of-day, ambient light level and motion control of all types of interior and exterior lighting.

The Supra Series controller is designed to seamlessly integrate with the GCS and other BACnet control systems. With a configurable Baud Rate, MS/TP Address, and Device ID, the Supra responds instantly to commands from the BAS front end. These relay controllers are stand-alone native BACnet devices.

The Supra controller is BACnet controller with eight (8) SPDT 30A power relays for switching of line or low voltage lighting circuits. Each relay may be individually programmed for time and usage as required for exact needs of the facility.
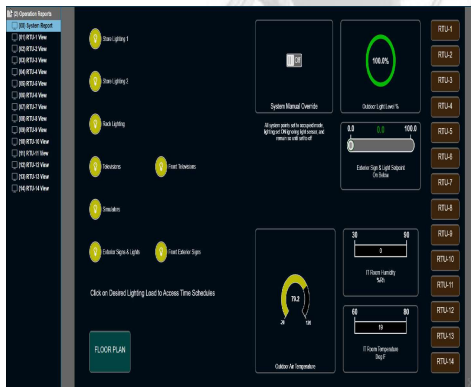

In addition to direct switching of circuits, the Supra controllers may also be used to switch existing or new lighting contactors in retrofit applications.

Global Controls also offers the stand alone LC8 Series lighting control panels, which provide from 1-24 fully programmable lighting circuits using the Supra control board. Complete assembly in a NEMA enclosure allows quick and easy installation. The system includes the NPM-1 graphical interface for connection through any standard web browser.

Applications & Benefits

The LC8 system is a completely wired control panel, factory tested and provided with software required for fast and easy installation. The system utilizes an analog light level sensor for accurate and consistent control of outdoor lighting circuits. Each lighting output can be individually scheduled through the 7 day time schedule program. Individual setpoints can reference outdoor light level sensor for staging of outdoor lighting circuits. Complete historical reporting of light levels and run data is a available within the system interface.

The system is accessed with any standard web-browser. Operators may connect from a laptop/desktop computer or mobile devices with internet access.

The LC8 may operate as a stand-alone controller, or can be expanded to be a part of a complete building automation system. The LC8 controllers may be integrated with additional GCS controllers to provide extensive control of HVAC and other mechanical systems. The Supra series boards may also be installed with any BACnet control board in custom control panels, and provides the ultimate in mechanical and lighting control.

Global Controls works closely with our distribution network to provide customers with quality controls, both in design and manufacturing. Factory assistance in application and design is provided through our network of distributors and local dealers.

Extended warranty contracts are available to protect your investment for years to come.

Call your local representative to find out more about the BASYX lighting control systems ...