



Scalable Solutions for Centralized Control

Relay control panels for any project size and scope

EZ-MAX Plus® and GreenMAX® Relay Control Systems

LEVITON OFFERS RELAY CONTROL PANEL SOLUTIONS FOR APPLICATIONS LARGE AND SMALL

Whether planning an energy management solution for a standalone retail application or a full-scale college campus, centralized control is an ideal method of control. Relay control panels are easy-to-program centralized controllers that allow facilities to meet local and national energy code requirements. Leviton offers several relay control panel solutions that meet a range of applications, including the EZ-MAX Plus Relay Control Panel and GreenMAX Relay Control Panel System. EZ-MAX Plus is a compact, standalone system appropriate for smaller-scale facilities, while GreenMAX features advanced scheduling and robust networking capabilities designed for large buildings and campuses.

Both relay control systems offer energy management and code compliance features:

- Centralized building lighting control and daylight harvesting
- Built-in astronomical time clock and scheduler
- Low voltage input for connection of photocells, occupancy sensors, low-voltage switches and digital switches for a comprehensive yet easily installed energy management solution

PROBLEM

Standalone retail space desires an energy management solution that will reduce energy usage and meet applicable code requirements.

- Space includes a retail shopping floor, fitting rooms, a backroom stocking area, manager office and a parking lot
- Hours of operation vary depending on the day of the week and holiday season
- Desires advanced dimming options for display lighting and other scenes throughout the store
- Facility has recently been updated with 0-10V LED lighting
- Must meet IECC, ASHRAE 90.1 and Title 24 requirements

SOLUTION

GreenMAX Relay Control Panels offer advanced scheduling and pre-programmed Behaviors for standalone and large-scale facilities.

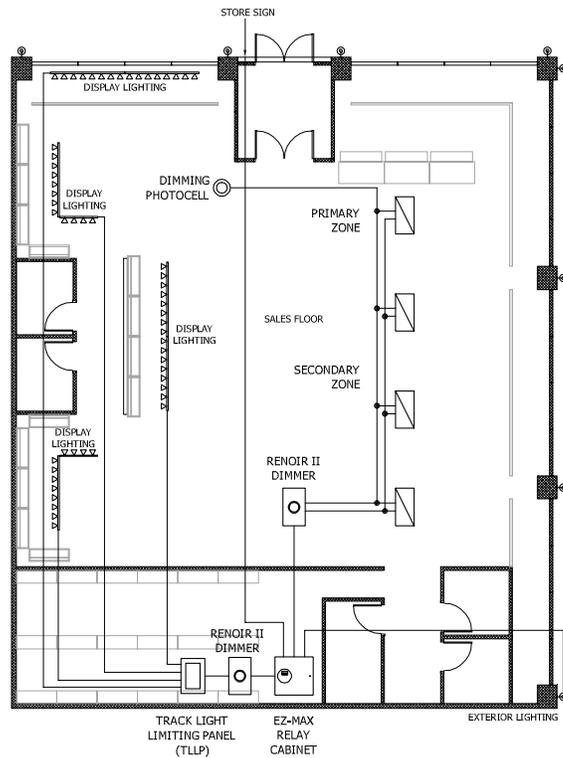
- Controls inputs, dimming and scheduling for multiple locations and zones
- Pre-programmed “Behaviors” for advanced scheduling, easy to select and implement either directly through GreenMAX or remotely via the Handheld Display Unit (HDU)
- Offers advanced dimming options, customizable by room/area/zone
- Supports 0-10V LED lighting dimming and switching
- Can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, daylight harvesting, partial-ON, partial-OFF, demand response, and receptacle control requirements

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Retail Application Control: EZ-MAX Plus Simple Centralized Control



USE WHEN:

- Daylight harvesting capabilities are required, as in IECC, ASHRAE 90.1 and 2016 Title 24, Part 6 daylight harvesting
- Ease of installation and programming are key
- Planning for a smaller space where a compact design and contractor-friendly wiring is beneficial
- Simple schedules are appropriate based on astronomical time clocks and sunrise/sunset scheduling

IDEAL APPLICATIONS:

- Parking lots
- Parks
- Fountains
- Sport fields
- Monuments
- Earthscapes

For GreenMAX ordering information, visit Leviton.com/greenmax.

For EZ-MAX Plus ordering information, visit Leviton.com/ezmaxplus.

Disclaimer: This document is for informational purposes only. Each project will have its own specific requirements for satisfying ASHRAE 90.1, Title 24 and IECC code compliance based on a variety of factors. Other exceptions or details may apply. Review the code for specific requirements and/or consult with a professional advisor. Leviton Mfg. Co., Inc. is not responsible for any loss resulting from the use of any information found in this document. Solutions are subject to change without notice. For additional assistance, contact your local Leviton representative.

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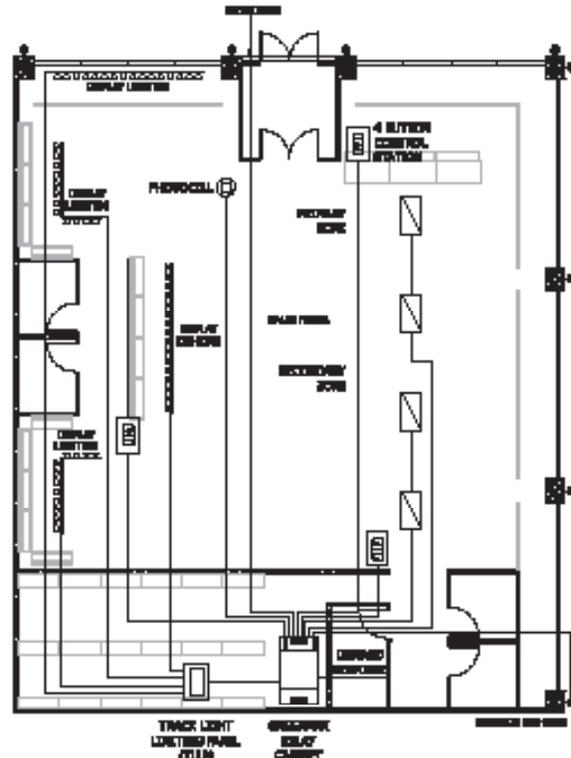
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GreenMAX Advanced Centralized Control



USE WHEN:

- Daylight harvesting capabilities are required
- Demand response capabilities are required, as in California Title 24 Section 130.5(3) for buildings larger than 10,000 square feet
- Facilities must control 0-10V LED lighting
- BAS/BMS system integration and response is required
- Advanced scheduling capabilities are required that utilize the GreenMAX pre-programmed Behaviors customization capabilities

IDEAL APPLICATIONS:

- Education/campuses
- Office complexes
- Airports
- Hospitals
- Heavy retrofit applications