LEGRAND®

PLUG LOAD CONTROL SOLUTIONS

LOADS OF SOLUTIONS

designed to be better.™

legrand®

LOADS OF SOLUTIONS

Every commercial space is different. That's why we have three types of plug load control systems to meet every need and meet code: **Schedule-Based, Occupancy-Based and System-Based**. Whether you are working on a commercial office, a hospitality project or an educational campus, we have a plug load solution that will fit your needs. You can also mix and match our solutions to create a customized system that best suits your environment.

In commercial buildings 10,000 square feet or larger, ASHRAE standards require that at least 50% of all 125-volt, 15- and 20-amp receptacles must be controllable – automatically turning themselves on and off as needed. A closer look at Section 8.4.2 of ASHRAE 90.1 reveals that these receptacles shall be controlled by an automatic control device that shall function on the following: **a scheduled basis, an occupant sensor, or a signal from another control system.** Plug-in devices do not need to comply with this standard. Manage your needs by using controlled receptacles downstream that work with any plug load solution and are marked according to the NEC® code.

LOADS OF BENEFITS

Take a load off energy consumption. Take a load off energy bills. Take a load off your mind. By automatically controlling receptacles with plug load, you help facilitate more responsible energy use while meeting all relevant codes and standards.

Commercial buildings often have many devices that can drain energy while they're not in use, such as copiers, printers, water coolers and computers. Even after everyone heads home or leaves the room, these devices are still plugged in, wasting energy and money. By using a plug load system, you can cut costs, reduce energy usage and meet code requirements.

OCCUPANCY-BASED CONTROL

Opt for an Occupancy-Based solution that recognizes when people are in the room and sends power to the controlled receptacles. When the room is empty, power is turned off automatically.

PLUG LOAD RF RECEPTACLE & SIGNAL PACK

RFP, RF26352CHW (Half-Control), RF26352CDW (Dual-Control)

- Receptacle compliant with 2014 NEC, CA Title 24, and ASHRAE 90.1
- Simple, three-step binding process for wireless communication with RF Signal Pack
- Feed-thru capability allows for downstream control of multiple receptacles
- LED Indicator Light on the receptacle guides the binding process and indicates power to the receptacle
- One RF Signal Pack can bind multiple receptacles for convenient new and retrofit solutions
- Communication range of up to 150 feet in ideal environment
- Pair with a 24V occupancy sensor and universal voltage power pack for an occupancy-based solution

SCHEDULE-BASED CONTROL

Secure code compliance with a Schedule-Based solution, utilizing devices that can be controlled by timers to ensure energy savings.

LIGHTING & PLUG LOAD RELAY PANELS

LMCP

- Runs scheduled and photocell events autonomously
- Easy setup via LMCT-100 handheld configuration tool
- HDR relays include switch for manual override even when panel is powered off
- Native BACnet communications for network control solutions
- Compatible with Digital Lighting Management (DLM) switches, sensors and input devices
- 99 control groups accessible via handheld configuration tool
- UL 20 listed for receptacle circuit control

LMCP

LMZC-301

WATTSTOPPER ZONE CONTROLLER

LMZC-301

- Runs scheduled and photocell events autonomously
- Easy setup via LMCT-100 handheld configuration tool
- Ideal power supply for DLM fixture controllers (supports up to 64 connected loads)
- Native BACnet communications for network control solutions
- Compatible with DLM switches, sensors and input devices
- 99 control groups accessible via handheld configuration tool

PLUG LOAD TIMER RECEPTACLE

PLT26351W

- Receptacle compliant with 2014 NEC, CA Title 24 and ASHRAE 90.1
- Power button on face serves as a manual override to scheduled programs
- Two individual programs can be set to automatically control plug loads
- Bottom half of device features a single receptacle that is automatically controlled by the time clock
- Clear LCD display shows program status, ON/OFF status, current time and day of the week
- Feed-thru capability allows for downstream control of multiple receptacles
- Center panel flips open for easy, three-button programming
- Permanently molded power symbol on face identifies controlled receptacle in accordance with ASHRAE 90.1, NEC and CA Title 24

SEGMAN

PLT26351W

WATTSTOPPER NETWORK SEGMENT MANAGER (SEGMAN)/ NETWORK SUPERVISOR

- Provides global control of up to three DLM segment networks and access to advanced features
- Enables scheduling, power monitoring and remote adjustment of devices on DLM local networks
- Connects to DLM segment network and PC, LAN or Internet via Ethernet
- Operational server-based network supervisor package records energy-use data to create long-term history
- Friendly browser-based user interface
- Supports third-party integration with BAS through BACnet/IP

SYSTEM-BASED CONTROL

For plug load control over an entire building, try Wattstopper® Digital Lighting Management (DLM). This advanced and intelligent technology platform provides control infrastructure at every switch, outlet and lighting load for optimal energy performance. You can also build a DLM solution using a combination of our Schedule-Based and Occupancy-Based options, which gives you the best of both worlds.

WATTSTOPPER DLM

- Networked energy control for CA Title 24 code compliance
- The most effective lighting and energy control design for the most comprehensive energy code compliance
- Provides integration with Building Management Systems and provides visualization and data analytics of the building performance
- Automate lighting controls based on occupancy
- Add energy efficiency and personalized controls to lighting programs
- Lighting control systems like wall and ceiling occupancy sensors, power packs and timer systems for spaces that require ASHRAE 90.1 and IECC code compliance*

WATTSTOPPER PLUG LOAD CONTROLLER

LMPL101

- Plenum-rated controller with line voltage relay and switching power supply
- Plugs to other components using Cat 5e cables with RJ45 connectors eliminating wiring errors
- Plug 'n' Go automatic configuration and Push 'n' Learn for personalization
- Integral current monitoring of total connected load
- Accepts occupancy sensor signal for energ-saving control of plug loads

WATTSTOPPER PLUG LOAD CONTROLLER

LMPL201

- Plenum-rated controller with line voltage relay and switching power supply
- Component of DLM integrated control systems
- Plugs into other components using Cat 5e cables with RJ45 connectors eliminating wiring errors
- Plug 'n' Go automatic configuration and Push 'n' Learn for personalization
- Accepts occupancy sensor signal for energy-saving control of plug loads

*To build a solution specific to code compliance, visit legrand.us/wattstopper/code-education.

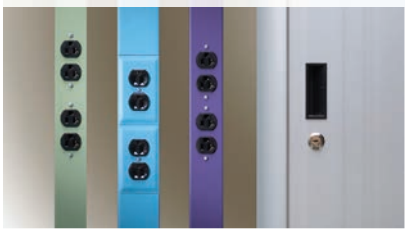
PLUG LOAD CONTROLLABLE RECEPTACLES

To build your plug load control system, explore our vast, comprehensive range of controllable receptacles. Options for permanently marked receptacles that meet code include the innovative PlugTail® line, tamper-resistant receptacles, dual- and half-controlled receptacles, multiple colors, duplex or decorator-style and more.

For plug load control that moves power from the wall, explore Wiremold® devices to expand into open spaces. Simply add Pass & Seymour® Plug Load Controllable Receptacles to any of these options for a solution all your own.

SURFACE RACEWAY

TELE-POWER POLES



SURFACE POKE-THRU

FLOOR BOXES

EVOLUTION™ SERIES POKE-THRU

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No matter what you need, find a plug load control solution for every application and the resources to guide you. Our three-tiered approach lets you build precisely what works for you, without compromise. As leaders in plug load control, we're with you every step of the way to ensure a successful project. Get started with up-to-date educational materials and a knowledgeable team that's eager to help.

Ready to go? Visit legrand.us/project-help.

To learn more about plug load control, stop by legrand.us/passandseymour/plug-load-receptacles.

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