

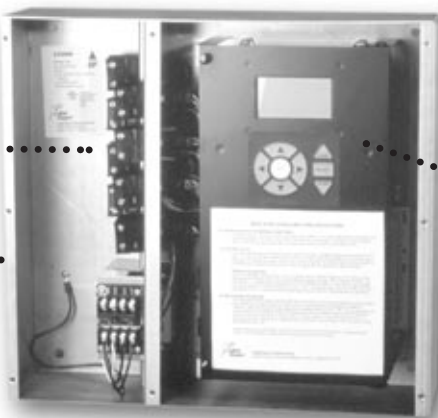


LP8 Lighting Control Panel

*Simple and effective
interior and exterior
lighting control*

*Controls up
to 8 relays*

*Panels are shipped
fully assembled*



*Compatible with AS
Automatic Control Switches
for local override control*

*System clock provides
time scheduled or
astronomic control*

*Code compliant lighting
shut-off control*

Product Overview

Description

The Watt Stopper LP8 lighting control panel provides simple, yet effective control for exterior and interior lighting in small applications. The panel combines relays with a system time clock in a pre-assembled, easy-to-install package.

Operation

The LP8 consist of relays, a system time clock, an interior housing panel intelligence, power supply and a tub enclosure and cover. The LP8 can control up to 8 channels or zones of lighting. The relays respond to control signals from the system time clock (or other signalling devices such as low voltage switches and occupancy sensors), to turn lighting on and off. When controlling exterior lighting, users can utilize the clock for astronomic control (based on sunrise and sunset) or add the optional photocell for exterior light level control. For interior lighting control, users can implement AS Automatic Control Switches or low voltage switches to automate after hours lighting shut-off while providing manual override control.

System Time Clock

The system clock provides automation for the LP8 panel. With an easy to navigate keypad, a backlit LED and user-friendly help menus, set-up and programming is simple. Included are the following pre-programmed control scenarios: scheduled on/off, manual on/scheduled off, manual on/sweep off with automatic switch, astronomic or photocell on/off, and astronomic or photocell with schedule on/off. The clock features 7 day format with holiday scheduling.

Applications

The LP8 panels are ideal for exterior applications such as parking lot lighting, site night lighting, and sign lighting. Their use promotes energy savings by turning off outside lighting when not needed, as well as providing a secure illuminated environment when occupants might be present. For interior lighting, LP8 panels integrate with a wide range of control devices such as switches and occupancy sensors to create a flexible lighting shut-off strategy.

Features

- Fully assembled with no component ordering necessary; greatly simplifies design and installation
- System clock: 8 channels, pre-programmed control scenarios, 7 day scheduling with holiday, astronomic control, automatic daylight savings, retains time during power outage, non-volatile program memory
- Override push buttons for manual override of each relay
- LED for visual indication of relay status
- 8 universal switch inputs for low voltage switches, occupancy sensors, photocells or other devices to directly control each relay
- For user flexibility, accepts most types of switch inputs
- Accessory power of 800mA VDC/AC for powering external devices
- Separately accessed high voltage section for user protection





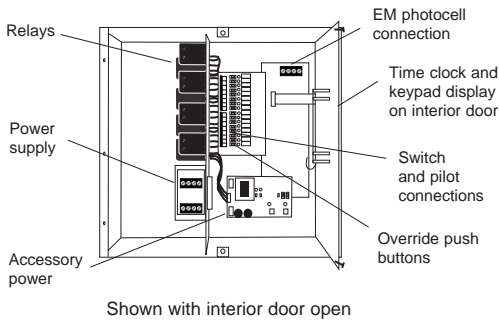
LP8 Technical Information

Specifications

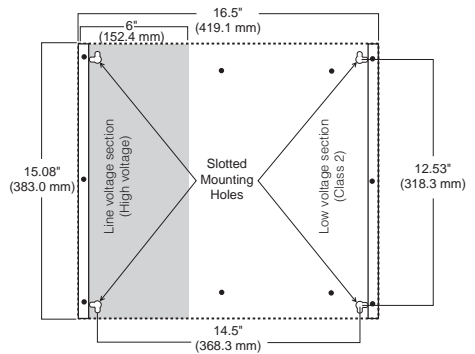
- Multiple power supplies to choose from: 115/277 VAC, 220-240 VAC, 115/347 VAC; 50/60 Hz
- Relay Ratings
 - @120 VAC 50/60 Hz 20A tungsten or ballast
 - @277 VAC 50/60 Hz 20A ballast
 - @250 VAC, single phase 1 hp
- Accessory power 800 mA at 24 VDC/VAC/VACR
- 8 universal switch inputs; compatible with 3 wire momentary or maintained, 2 wire momentary or maintained, or 24 VDC input
- Ambient temperature 32 to 139°F; 5 to 95% RH non-condensing
- Dimensions: 16.84" x 15.36" x 4.5" (maximum dimensions of tub with cover)
- UL and CUL listed, one year warranty

Wiring & Installation

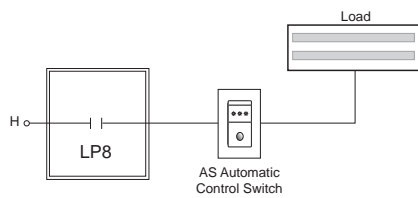
LP8 Panel Layout



Dimensions

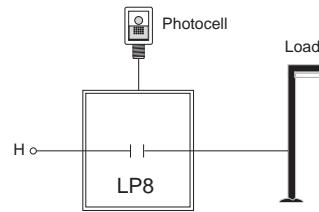


Indoor Application



Indoors, users can add Automatic Control Switches (AS-100) to achieve manual and override control.

Exterior Application



The system clock and photocell enable astronomic or photocell-based exterior lighting control.

Ordering Information

Catalog No.	Description
LP8S-8-115	8 relay lighting control panel; 115/277 VAC
LP8S-8-347	8 relay lighting control panel; 115/347 VAC
LP8S-4-115	4 relay lighting control panel; 115/277 VAC
LP8S-4-347	4 relay lighting control panel; 115/347 VAC
Optional system enhancements:	
EM-24A2	Low voltage exterior photocell
AS-100	Automatic control switch; 120/277 VAC; 50/60 Hz

Mechanical Options

- S** = surface mount cover (default)
- F = flush mount cover
- S3R** = surface NEMA 3R tub enclosure
- S4** = surface NEMA 4 tub enclosure

Relay Options

- 8** = 8 relays (default)
- 4 = 4 relays

Voltage Options

- 115** = P115/277 power supply (default)
- 240 = P240 power supply
- 277 = P115/277 power supply (default)
- 347 = P115/347 power supply

LP8 S - 8 - 115