

## SENSING CONTROL | Photocells

### Photocells

Leviton's photocell sensors precisely monitor either task or ambient light levels. As part of a Leviton energy management system, photocells work with other components in the system to automatically adjust light levels to a user-defined level. Photocells are most suitable for installation in rooms with windows and open spaces receiving substantial ambient light. Photocells must be hardwired to a compatible Leviton lighting control system. The photocell measures ambient light in a specific area and sends this data to a dimmer or relay that, in turn, adjusts fixtures to a constant lighting level as measured in that specific area. Daylight Harvesting is achieved as lights in a room (with windows or significant, artificial ambient light) automatically brighten or dim depending on how much light the photocell detects.

#### Daylight Harvesting

With daylight harvesting, ambient (often natural) light supplements in-room, artificial light in order to keep a constant lighting level while saving energy. This constant level is programmed into a compatible control device. Once hardwired to the photocell, the dimmer or relay will receive the photocell's real-time light measurement and maintain a steady level within the photocell's area of detection.

#### Features and Benefits

- Indoor photocells are designed with a flat Fresnel lens that looks downward in a 60° cone of reference to measure actual light on the work surface, reducing the influence of stray light striking the photocell from nearby windows or incidental side lighting
- Outdoor photocells are IP54 rated to guarantee ultimate protection from dirt, dust, oil, and other non-corrosive material
- Measures light from any source in the visible spectrum within a 60° cone or 180° angle of response depending on the model
- Constant lighting at the optimal level for greater visual comfort and acuity, which contributes to improved productivity
- Provides convenient, automatic hands-free daylight harvesting when integrated with Leviton lighting control products
- Lowers electric bills by reducing usage of lighting where ambient natural light is also present
- Lumen maintenance opportunity compatible

#### Photocells

Description	Cat. No.	Lens	Sensing Range	Color
Photocell	<a href="#">ODCOP-00W</a>	Clear	1-1600fc	White
Switching Photocell	<a href="#">ODCOP-S0W</a>	Clear	1-1600fc	White
Dimming Photocell	<a href="#">ODCOP-D0W</a>	Clear	1-1600fc	White
Line Voltage Photocell	<a href="#">PCCxx-00W</a>	Clear	1-1600fc	White
Indoor Photocell	<a href="#">PCIND-000</a>	Fresnel	75-800fc	White
Indoor Photocell	<a href="#">PCIND-0SV</a>	Clear Hood	3, 30, 300 or 600fc	White
Outdoor Photocell	<a href="#">PCOUT-000</a>	Clear Hood	50-750fc	White
Outdoor Photocell	<a href="#">PCOUT-0SV</a>	Diffuse	0-300fc	White
Atrium Photocell	<a href="#">PCATR-000</a>	Dome/Frost	215-2690fc	White
Skylight Photocell	<a href="#">PCSKY-000</a>	Dome/Frost	1076-8072fc	White



ODCOP-00W

## EZ-MAX® Plus Relay Cards

EZ-MAX® Plus Panels use individual relay cards for each circuit allowing for the most flexibility in matching the relay type to your specific load requirements. The benefit of a single relay card for a single circuit is that it allows an infinite arrangement of relay types to position in your system and supports individual replacement should the need ever occur. In addition, EZ-MAX® Plus Wi-Fi Cards provide wireless communication capabilities for remote access to EZ-MAX® Plus Relay Control Panels.

### Features and Benefits

- For maximum equipment protection, standard 30A relay card has a Short Circuit Current Rating (SCCR) of 20,000A
- Relay cards individually replaceable
- Remote internet access to time clock and event scheduling for single or group locations through the batch update function
- Wi-Fi card can be added to any EZ-MAX® Plus cabinet and requires software release 1.22 or above
- Mechanical attachment to panel of each relay card is with a single screw
- Listed for use with ballasted loads
- From the panel, each relay card can be controlled as follows:
  - Override ON
  - Override OFF
  - Locked Override ON
  - Locked Override OFF
  - Timed ON
  - Timed Override OFF
- Backed by a limited 10-year warranty on relays

### Relay Cards

Cat. No.	Description
RELAY-L30	1-Pole N/O or N/C Relay Card with Manual Override, 30A, 120-277V, 347V, 20A Ballast
RELAY-2PL	2-Pole, N/O Relay Card, 20A, 208-480V
RELAY-347	347V N/O Relay Card, 20A, 347V
RAC00-802	EZ-MAX® Plus Wireless 802.11 adaptor card, can be used with any existing EZ-MAX® Plus Cabinet
R08BD-W04	EZ-Max® Plus custom configured relay cabinet with Wi-Fi Card, 120, 277 & 347V control inputs with 0-8 relays
R24BD-W16	EZ-Max® Plus custom configured relay cabinet with Wi-Fi Card, 120, 277 & 347V control inputs with 0-24 relays



RELAY-L30

### Accessories

Cat. No.	Description
RAC00-2SB	Low-Voltage Switch Adaptor, reduces required wire count of GE style switch by 1. (installed at the switch itself, cabinet has terminations for ON/OFF/LED/+1/com)
00LVS-xxW*	Button, Low Voltage Switch, White
ZMDSW-xxW*	Button, Digital Switch, White
ODCOP-00W	Low Voltage Photocell, 1-1,600FC
PCOUT-000	Outdoor Photocell, 0-10V, 50-750FC
PCIND-000	Indoor Photocell, 0-10V, 3, 30, 300 or 600FC
PCATR-000	Atrium Photocell, 0-10V, 215-2,690FC
PCSKY-000	Skylight Photocell, 0-10V, 1,076-8,0720FC

\*x = 01, 02, 04, 05, 06, 08 or 10 button switch