

## HID Relay

# CW-6161



## Description

The CW-6161 relay allows to control the lighting system or any other application within the specifications. It can be controlled easily with a low voltage supply (24 Vac).

- 24 Vac rectified momentary command
- 1 line voltage output
- 1 low voltage output
- Mechanical status indicator
- ON/OFF manual bypass control



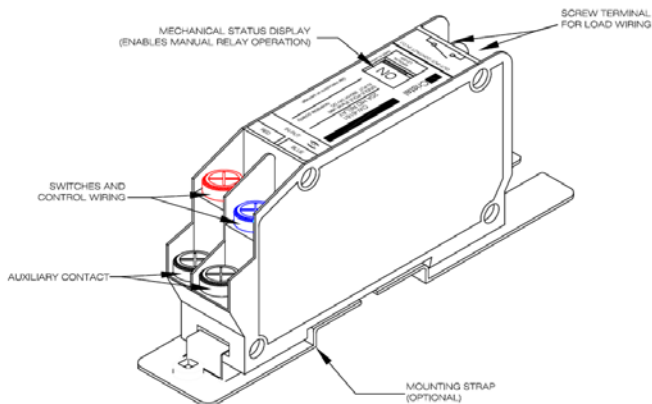
*CW-6161 relay*

## HID Relay

CW-6161

### Applications

1. On/Off control of any lighting equipment or any other electrical load.
2. The line voltage output can be used for a multitude of lighting equipment. It can also be used for any other application within the specifications.
3. The low voltage output can be used to provide status feedback or any other application within the specifications.



Overview of a CW-6161

### Technical specifications

#### Input

- 18 Vac to 30 Vac rectified positively or negatively
- Status change delay : 1 cycle typical, 3 cycles maximum
  - Positive pulse : relay Off
  - Negative pulse : relay On

#### Output

- Main contact
  - Resistive load : 20A, 347 Vac
  - Inductive load : 20A, 347 Vac
  - Incandescent lamp : 2400W, 120 Vac
  - Fluorescent lamp : 20A, 347 Vac
  - H.I.D. lamp : 20A, 347 Vac
- Auxiliary contact
  - 1A, 125 Vac

#### Consumption

- On a status change : 350mA

#### Test conditions

- Switching cycle : 20/min
- More than 30 000 On/Off operations

#### Operating temperature

- -30°C to 50°C (-22°F to 122°F)

#### Certification

- Underwriters Laboratories(UL)