



LIGHTING CONTROLS

KELE OCCUPANCY SENSOR LX-24

DESCRIPTION

The **Model LX-24** is a ceiling-mount passive infrared (PIR) occupancy sensor specifically designed to interface with building automation systems through an internal isolated relay. A user-adjustable time delay (30 seconds to 30 minutes) on deactivation may be programmed through DIP switches to prevent unnecessary cycling. The **Model LX-24** includes two levels of sensitivity selectable through DIP switches.

FEATURES

- *Passive infrared technology*
- *Adjustable time delay*
- *Adjustable sensitivity*
- *Isolated relay for use with BAS and other control systems*
- *360-degree coverage up to 1200 ft²*
- *Red LED to indicate occupancy detection*



LX-24



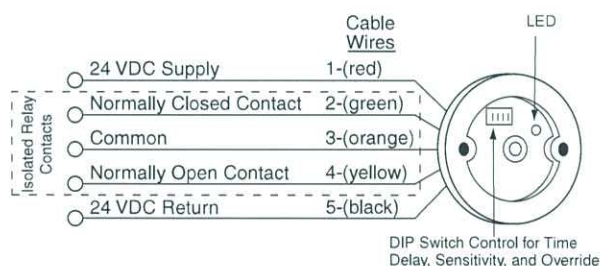
OPERATION

The **Model LX-24** is powered by 24 VDC, and uses PIR technology to detect occupancy. When the unit senses the difference between infrared emissions from a human body and the background space, detection occurs. The **Model LX-24** transfers an SPDT contact set, when occupancy is detected. The contacts return to their normal state after a user-selectable time delay once the space is unoccupied.

SPECIFICATIONS

Supply Voltage	24 VDC, ±10%, 37mA
Contact Rating	1A @ 24 VDC, 24 VAC
Coverage Pattern	360 degrees up to 1200 ft ² (111.48m ²)
Time Delay Adjust	Digital (DIP switch setting) for 30 seconds, 10 minutes, 20 minutes, or 30 minutes
Operating Temperature	32° to 98°F (0° to 36°C)
Mounting	2.75" to 3" hole in ceiling
Color	White
Dimensions	3.3" dia x 2.2" deep (8.5 x 5.6 cm), extends approx. 0.36" (0.91 cm) from ceiling
Weight	1.0 lb (0.46 kg)
Warranty	1 year

WIRING



DIP SWITCH #	1	2	3	4
TIME DELAYS				
30 sec	X	X		
10 min.	X	O		
20 min.	O	X		
30 min.	O	O		
SENSITIVITY				
Minimum			O	
Maximum			X	
OVERRIDE				
Normal				O
Override				X

= factory setting

X=on

O=off

ORDERING INFORMATION

MODEL	DESCRIPTION
LX-24	24 VDC ceiling-mount occupancy sensor with SPDT isolated contact