



LIGHTING CONTROLS

OCCUPANCY SENSOR

MODEL 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 1100 ft²*
- *Red LED to indicate occupancy detection*
- *Five-year warranty*

NEW!

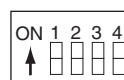
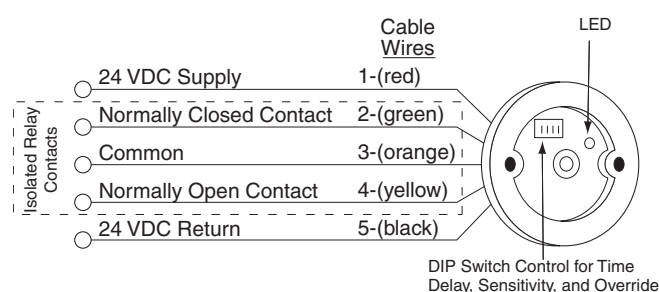
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OPERATION

The **Model LX-24** 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.

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	

X=on O=off

SPECIFICATIONS

Power supply	24 VDC
Power consumption	37 mA
Time-delay adjust	Digital (DIP switch setting) for 30 seconds, 10 minutes, 20 minutes, or 30 minutes
Coverage	360 degrees up to 1200 ft ² (111.48m ²)
Color	White
Isolated contact rating	1A @ 24 VDC, 24 VAC
Operating temperature	32° to 98°F (0° to 36°C)
Mounting	2.75" to 3" hole in ceiling
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	5 years

ORDERING INFORMATION

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

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