





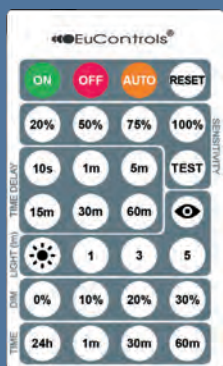
SAVE ENERGY & MONEY WITH OCCUPANCY SENSORS

EuControls offers a broad range of occupancy sensors to meet the energy management needs of buildings today. Designed for demanding commercial and industrial applications, our sensors employ proven detection technology while remaining highly cost effective. Whether you need in-fixture sensors for a parking lot retrofit project or high bay sensors for a new warehouse, you can rely on EuControls for the right energy management products that won't break the bank.



SHARED SENSOR FEATURES

- Fully adjustable standby and dimming time delays (dimming capability on -D models)
- Internal photodiode enables daylight harvesting for extra energy savings
- Complies with California Title 24 requirements
- 5 year limited product warranty
- Low cost and affordable



Commission, adjust, and override our sensors using cost-effective IR remote controls

Each sensor comes with an IR remote control that allows easy setup, settings adjustment, and manual on/off override. The remote allows parameter changes to standby/dimming time delays, motion detector sensitivity, dimming level, and daylight harvesting threshold. Settings are stored in the sensor's non-volatile memory in case of electrical fault.

INCREASE BUILDING SAFETY & COMFORT

Occupancy sensors are crucial devices in building energy management schemes. Now required by California Title 24 in most electrical retrofit projects and new constructions, sensors ensure that work areas and pathways are properly lit when persons are present—and remain off or kept in a dimmed state when they aren't. In addition, all of our sensors include built-in daylight harvesting capability that can keep lights off when natural light is sufficient. So, not only can our sensors reduce energy consumption when no one's around, but you can also be assured that energy isn't wasted when daylight alone is enough to illuminate your classroom, hallway, or commercial facility. Now, that's what we call a win-win.



SENSOR PRODUCT FAMILIES

IN-FIXTURE



S618-P-DR
Line Voltage PIR In-Fixture Dimming Sensor



S602-M
Line Voltage Microwave In-Fixture Sensor



S607-M
Line Voltage Microwave In-Fixture Sensor

HIGH BAY



S708-P-DR
Line Voltage PIR High Bay Dimming Sensor



S708-P-DR
Line Voltage Microwave High Bay Dimming Sensor

WALL SWITCH



S902-PS-N
Line Voltage PIR + Microphonics Wall Switch Sensor

CEILING



S806-P-DR
Line Voltage PIR + Microphonics Ceiling Dimming Sensor



S807-M-DR
Line Voltage Microwave + Microphonics Ceiling Dimming Sensor



S618-P-DR

Line Voltage PIR In-Fixture Dimming Sensor



Internal PIR detector

Internal photodiode

Optional external photodiode



Special low profile design meant for the latest LED fixtures

Rated weatherproof IP66 when installed in equivalent rated fixture

Mounting height from 8 to 11½ feet with standard included lens (optional lenses with different coverage areas available)

Dimming capability when wired to 0–10V dimming compatible driver or ballast

Daylight harvesting capability

IR remote control included

INSTALLATION LOCATIONS

- Parking lots
- Gas stations
- ATMs & kiosks
- Sports facilities
- School campuses
- Streetlights



S618-P-DR SPECIFICATIONS

- Input Voltage: 120/208–240/277VAC @ 50/60Hz
- Relay Load Ratings: Max 800W @ 120VAC, 1000W @ 208–240VAC, and 1200W @ 277VAC
- Standby Time Delay Periods: 10 secs, 1 min, 5 mins (default), 15 mins, 30 mins, 60 mins
- Dimming Time Delay Periods: 1 min, 30 mins, 60 mins (default), off (dimming always on)
- Dimming Levels: 0%, 10%, 20% (default), 30%
- 0–10VDC Dimming Current: Max 100mA (sink)
- Photodiode Sensitivity Range: 1–185 fc
- Operating Temperature: –40–131 °F
- Operating Humidity: 20–90% non-condensing
- Weatherproof Rating: IP66 (when fully installed inside rated fixture)
- Safety Certifications: UL/cUL listed
- Regulatory Code Compliance: California Title 24

S708-P-DR

Line Voltage PIR High Bay Dimming Sensor



Internal PIR detector

Internal photodiode

INSTALLATION LOCATIONS

- Warehouses
- Factories
- Workshops
- Conference halls
- Sports facilities
- Parking areas



S709-M-DR

Line Voltage Microwave High Bay Dimming Sensor



Internal microwave detector

Internal photodiode

INSTALLATION LOCATIONS

- Warehouses
- Factories
- Workshops
- Conference halls
- Sports facilities
- Parking areas



S708-P-DR / S709-M-DR SPECIFICATIONS

- Input Voltage: 120/208–240/277VAC @ 50/60Hz
- Relay Load Ratings: Max 800W @ 120VAC, 1000W @ 208–240VAC, and 1200W @ 277VAC
- Standby Time Delay Periods: 10 secs, 1 min, 5 mins (default), 15 mins, 30 mins, 60 mins
- Dimming Time Delay Periods: 1 min, 30 mins, 60 mins (default), off (dimming always on)
- Dimming Levels: 0%, 10%, 20% (default), 30%
- 0–10VDC Dimming Current: Max 100mA (sink)
- Photocell Sensitivity Range: 1–185 fc
- Operating Temperature: –40–131 °F (S708-P-DR), –40–140 °F (S709-M-DR)
- Operating Humidity: 20–90% non-condensing
- Weatherproof Rating: IP44 for indoor use only
- Safety Certifications: UL/cUL listed
- Regulatory Code Compliance: California Title 24

S806-P-DR

Line Voltage PIR + Microphonics Ceiling Dimming Sensor



INSTALLATION LOCATIONS

- Meeting rooms
- Classrooms
- Restrooms
- Supermarkets
- Gas stations
- Sport facilities



Internal PIR detector

Internal microphonics detector

Internal photodiode

S807-M-DR

Line Voltage Microwave + Microphonics Ceiling Dimming Sensor



INSTALLATION LOCATIONS

- Meeting rooms
- Classrooms
- Restrooms
- Supermarkets
- Gas stations
- Sport facilities



Internal microwave detector

Internal microphonics detector

Internal photodiode

S806-P-DR / S807-M-DR SPECIFICATIONS

- Input Voltage: 120/208–240/277VAC @ 50/60Hz
- Relay Load Ratings: Max 800W @ 120VAC, 1000W @ 208–240VAC, and 1200W @ 277VAC
- Standby Time Delay Periods: 10 secs, 1 min, 5 mins (default), 15 mins, 30 mins, 60 mins
- Dimming Time Delay Periods: 1 min, 30 mins, 60 mins (default), off (dimming always on)
- Dimming Levels: 0%, 10%, 20% (default), 30%
- 0–10VDC Dimming Current: Max 100mA (sink)
- Photocell Sensitivity Range: 1–185 fc
- Operating Temperature: –40–131 °F (S806-P-DR), –40–140 °F (S807-M-DR)
- Operating Humidity: 20–90% non-condensing
- Weatherproof Rating: IP44 for indoor use only
- Safety Certifications: UL/cUL listed
- Regulatory Code Compliance: California Title 24

S602-M / S607-M

Line Voltage Microwave In-Fixture Sensors



Internal microwave detector
Internal photodiode



Internal microwave detector
Internal photodiode



S602-M / S607-M SPECIFICATIONS

- Input Voltage: 120/208–240/277VAC @ 50/60Hz
- Relay Load Ratings: Max 800W @ 120VAC, 1000W @ 208–240VAC, and 1200W @ 277VAC
- Standby Time Delay Periods: 10 secs to 10 mins
- Photocell Sensitivity Range: 1–185 fc
- Operating Temperature: –40–140 °F
- Operating Humidity: 20–90% non-condensing
- Weatherproof Rating: IP44 for indoor use only
- Safety Certifications: UL/cUL listed
- Regulatory Code Compliance: CA Title 24

S902-PS-N

Line Voltage PIR + Microphonics Wall Switch Sensor



Internal PIR detector
Internal microphonics detector
Internal photodiode

INSTALLATION LOCATIONS

- Meeting rooms
- Classrooms
- Restrooms
- Storage closets
- Hallways
- Entrances



S902-PS-N SPECIFICATIONS

- Input Voltage: 120/208–240/277VAC @ 50/60Hz
- Relay Load Ratings: Max 800W @ 120VAC, 1000W @ 208–240VAC, and 1200W @ 277VAC
- Standby Time Delay Periods: 30 secs to 30 min
- Photocell Sensitivity Range: 1–185 fc
- Operating Temperature: –40–131 °F
- Operating Humidity: 20–90% non-condensing
- Weatherproof Rating: IP44 for indoor use only
- Safety Certifications: UL/cUL listed
- Regulatory Code Compliance: CA Title 24



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