Harsh Environment Occupancy Sensors

Watertight Wall Mount PIR Sensor

IP66, NEMA Type 4X, outdoor rated, heavy duty wall or pendant mount sensor with -40°F to 149°F (-40°C to 65°C) operating temperature range and 160° of coverage.

Description	Voltage	Catalog Number
PIR sensor, with isolated relay and photocell	24V DC	**MSHT1600WRP**
Adaptor plate for single gang FS boxes	–	**MSHAP1**
Adaptor hub and nipple for Killark NJ series boxes	–	**MSHAP2**
Adaptor plate for Killark® NV series boxes	–	**MSHAP3**
" NPT threaded hub	–	**MSHAP4**

Note: For use with MSCUHD (120/277V AC, 50/60Hz) control unit.
    See page F-19 for technical specifications and coverage patterns.

Extreme Temperature PIR Ceiling Sensor

Upgraded ceiling sensor with -40°F to 149°F (-40°C to 65°C) operating temperature range.
Use MSP4X to make NEMA Type 4X watertight.

Description	Voltage	Catalog Number
Sensor with isolated relay and photocell	24V DC	**MSHT1500CRP**
IP66, NEMA Type 4X enclosure	–	**MSP4X**

Note: For use with MSCUHD (120/277V AC, 50/60Hz) control unit.
    See page F-19 for technical specifications and coverage patterns.

Heavy Duty Control Unit

Robust latching relay provides reliable performance over many different applications, including plug loads, 20A 100-277V AC, 1HP @ 120V AC, 2HP @ 240/277V AC. Auto or Manual-ON operation. Powers up to six low voltage sensors.

Description	Voltage	Catalog Number
Heavy duty control unit	120-277V AC	**MSCUHD**

Note: See page F-16 for technical specifications.

OPTIMYZER® Watertight End Mount PIR Sensor

IP65, NEMA Type 3R, outdoor rated, -40°F to 149°F (-40°C to 65°C) operating temperature range.

Description	Voltage	Catalog Number
Single relay with photocell	120-347V AC	**MSHB21UPCW**
2 relays with photocell	120-347V AC	**MSHB22UPCW**
Low voltage with photocell	24V DC	**MSHB2LVPCW***

Note: 360° high bay lens included. Low bay lens options sold separately, see below for details.
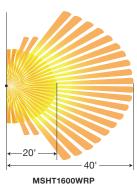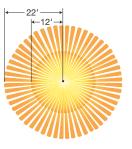   **For use with MSCUHD (120/277V AC, 50/60Hz) control unit.*
    See page F-8 for replacement lenses and accessories.
    See page F-19 for technical specifications and coverage patterns.

Coverage Pattern

Minor Motion: 🟨 PIR   **Major Motion:** 🟧 PIR

MSHT1600WRP

MSHT1500CRP