



Switches and Lighting Control, Occupancy Sensor, Hazardous Location, Passive Infrared, Wall Mount, 1600 Square Feet, With Photocell and Relay

By Hubbell Wiring Device-Kellems
Catalog # [AHP1600WRP](#)



Switches and Lighting Control, Occupancy Sensor, Hazardous Location, Passive Infrared, Wall Mount, 1600 Square Feet, With Photocell and Relay

Features

- IP66, NEMA 4X, and outdoor use rated
- Rated for -40°F to 149°F operating temperatures
- Rugged Valox enclosure with stainless steel hardware
- Integrated lens protection
- Advanced digital PIR sensing
- Auto-adjusting adaptive technology eliminates the need for manual adjustments
- Photocell can make sure lights stay off during the day
- Isolated relay provides signalling to HVAC and ventilation systems

Application

Switching Relay

General

Color	Gray
Indicator(s) Type	PIR= Red LED
Performance	<ul style="list-style-type: none"> • Controls - Ambient Light - 1 to 1000 foot candles • Controls - PIR Sensitivity - Adaptive 0 to 100% • Controls - Time Delay - Test (8 seconds), adaptive 8 to 40 minutes • Electrical - Isolated Relay - Normally open and normally closed terminals available • Electrical - Power Requirements - 24V DC nominal, 33mA from Hubbell CU series control unit • Environmental - Operating Temperature - -40°F to 149°F (-40°C to 65°C) with rate of change not exceeding 20°F (11°C) per hour

Electrical Ratings

Voltage Rating	24 VDC
Voltage Rating Description	24V DC

Certifications and Compliance

Industry Standard(s)	UL Listed
----------------------	-----------

Logistics

Carton Quantity	10
-----------------	----

Product Assets

- [Catalog Page - Wiring E-13 Catalog Page](#)
- [Catalogs - Wiring Full Catalog](#)
- [Engineering Drawing - AHP1600WRP AutoCAD Drawing](#)
- [Installation Manuals - WIRING_AHP1600WRP_INSTALLINST](#)
- [Literature - MAXX™ Harsh Environment & OPTIMYZER® Watertight Sensors](#)
- [Literature - Food Processing Guide](#)
- [Literature - Load:Logic® Control Panels](#)
- [Literature - Load Control Application Guide](#)
- [Literature - Healthcare Application Guide](#)
- [Sales Drawings - WDK_AHP1600WRP_DRAWING_PDF](#)
- [Warranty - HMOSS Occupancy Motion Sensors](#)

Related Products

- [S2FLSW - Outdoor LED Flood Light Kit with Sensor](#)
- [CU300HD - Switches and Lighting Control, Occupancy Sensor, Control Unit, 120/277V AC, Heavy Duty Relay, Latching](#)
- [HAP2 - Switches and Lighting Control, Occupancy Sensor, Hub Cover, 1/2" X 1", Includes Mounting Screws and Gasket](#)
- [HAP4 - Switches and Lighting Control, Occupancy Sensor, Hub Cover for AHP1600 Series, 1/2"](#)
- [HAP3 - Switches and Lighting Control, Occupancy Sensor, NV2 Adapter Plate for AHP1600 Series, Plastic](#)

Photocell	Yes
Series	Wall Mount
Type	Sensors
UPC	783585256122



A proud member of the Hubbell Family.

©2023 Hubbell Incorporated. All rights reserved.
WDK-AHP1600WRP-SPEC-EN | REV 5/2023