Occupancy Sensor Power Pack

Cat. No. OPP20-0D1 (Auto ON), OPP20-0D2 (Auto Manual ON), OPP20-RD3 (Auto ON, Photocell), OPP20-RD4 (Auto Manual ON, Local Switch, Photocell)

Load Ratings: 20A, 2400W @ 120V – Incandescent / 20A, 2400VA @ 120V – Fluorescent / 16A, 4400VA @ 277V – Electronic Ballasts / 1.1/2 HP @ 120V – Motor Load

For installation and quick start guide only.

WARRANTIES:
- TO AVOID FIRE, SHOCK, OR DEATH: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE PANEL AND TEST THAT POWER IS OFF BEFORE WIRING
- If you are unsure of any of these parts, consult an electrician.
- Disconnect power to the system prior to servicing, installing or removing any change or lamp change or sensor replacement.
- Risk of Electric Shock – More than one disconnect switch may be required to de-energize the equipment before servicing.
- The power pack and load voltage must be connected to the same circuit/phase to operate safely.

CAUTIONS:
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- Use this device with copper or copper clad wire only.

Installation and Quick Start Guide only.

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D3X-OPP20-0D2

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Troubleshooting

Lights on after power outage

- This is the normal operation. The power pack has a fail-safe feature which forces the relay to close in case of power failure. Five seconds after power ON the device will monitor the inputs to look for occupancy and turn lights ON or OFF accordingly.
- Devices do not operate immediately after power ON.

Lights flickering

- Lamp has a bad connection.
- Wire not secured tightly with wire connectors.
- Contact breaker has been tripped.
- Lamp Neutral connection is not secured.
- Wire connection to the power pack is not correct.
- Wire loose or missing. Verify wiring per appropriate diagram.

Lights stay on too long

-发光 does not relate to any sensor setup.

Lights come on during presentation

- AUTO ON (See Wiring Diagram): When the sensor input isn’t active and the lights are OFF, the lights will come on if the sensor input becomes active.
- MANUAL ON (See Wiring Diagram): When the sensor input isn’t active and the lights are OFF, the lights will come on if the sensor input becomes active.

Lighting control may not be in sync.

- Perform a power cycle device will turn lights OFF and photocell will remain inactive until the local switch restores to ON.

Photocell:

- If the OPP20 power pack drops below the low voltage setpoint (12.0V), the OPP20 power pack will open the relay controlling the lighting OFF. When the light level in the room drops below the setpoint, the OPP20 power pack will close the relay controlling the lighting ON. The OPP20 power pack has the ability to maintain lighting up to a 1500-watt load at 12.0V. If Photocell is connected to OPP20 power pack, the OPP20 power pack will control the lighting OFF and the lighting ON level. Photocell will control the lighting OFF and ON levels.

Photocell Gray:

- This input is for an incandescent lamp or a constant motion light source. The action of the OPP20 power pack is to control the lighting OFF and ON levels.

Photocell Black:

- This input can be used to control lighting OFF and ON levels. Photocell Black can also be used to control the lighting OFF and ON levels.

Photocell Blue:

- This input can be used to control lighting OFF and ON levels. Photocell Blue can also be used to control the lighting OFF and ON levels.

Photocell White:

- This input can be used to control lighting OFF and ON levels. Photocell White can also be used to control the lighting OFF and ON levels.

Photocell Yellow:

- This input can be used to control lighting OFF and ON levels. Photocell Yellow can also be used to control the lighting OFF and ON levels.

Photocell Red:

- This input can be used to control lighting OFF and ON levels. Photocell Red can also be used to control the lighting OFF and ON levels.

Photocell Green:

- This input can be used to control lighting OFF and ON levels. Photocell Green can also be used to control the lighting OFF and ON levels.

Wiring Designations:

- All wire at rated 105°C, CSA approved.
- Class 2 Wires: Teflon coated or other flame retardant wire as described herein is required.
NOTE: Power Pack and the load switched by the power pack MUST be fed from the same phase.

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