PRECAUTIONS

- Read and understand all instructions before beginning installation.

- **NOTICE:** For installation by a licensed electrician in accordance with National and/or local Electrical Codes and the following instructions.

- Confirm device ratings are suitable for application prior to installation. Use of device in applications beyond its specified ratings or in applications other than its intended use may cause an unsafe condition and will void manufacturer's warranty.

- Use only approved materials and components (i.e. wire nuts, electrical box, etc.) as appropriate for installation.

- **NOTICE:** Do not install if product appears to be damaged.

SAVE THESE INSTRUCTIONS!

DESCRIPTION

The Occupancy Output Interface provides a means to communicate the occupancy state of an NX distributed control zone or room to HVAC or other systems using simple contact closure. The NXRO connects to a SmartPORT™ and provides the aggregate occupancy state of the zone as reported by one or more occupancy sensors.

INSTALLATION

1. The NXRO Occupancy Output Interface is provided attached to a standard 4.75" square box cover plate. It is intended to be installed on a standard 4 11/16" square box, RACO #257 or equal (not supplied).

2. Plug a CAT5 cable into one of the RJ45 *SmartPORT* connectors on the NXRO circuit board. Use an appropriate strain relief bushing in one to the box knock outs to exit the cable from the box.

   NOTE: The second SmartPORT connector on the NXRO can be used to connect other NX room devices if needed.

3. Plug the other end of the CAT5 cable into one of the available SmartPORT intelligent ports on the Room Controller

4. Use appropriate low voltage wire. Connect to one of the "common" terminals and either the normally open or normally closed terminal depending on the application. The normally open terminal will be closed as long as any of the connected occupancy sensors is reporting occupancy and will be open after all the occupancy sensors time out and report that the room is unoccupied. The normally closed terminal will be open when the room is occupied and closed when the room is unoccupied.

5. Attach the NXRO to the box with the circuit board inside the box using the screws provided with the box (not supplied).

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