Application Note for OSP Series Power Packs: UL Plenum Rating

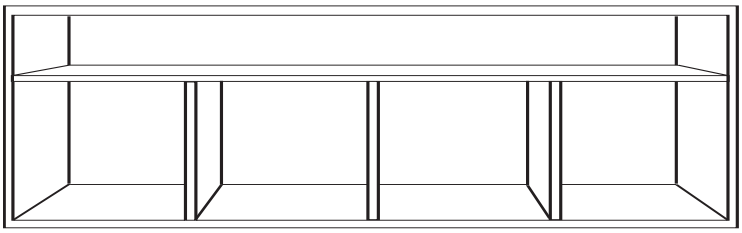
For Internal/External Use

OBJECTIVE
Increase installer awareness of OSP Power Packs' UL plenum rating

PRODUCT
OSP Series Power Packs for Occupancy Sensors

APPLICATION NOTE
Leviton's OSP Series Power Packs are UL 2043 plenum-rated. The polycarbonate housing is UL 94HB rated, evaluated to the 5" flammability requirement, with Teflon-coated low-voltage leads. This plenum rating provides options to install the Power Pack in a junction box, fluorescent ballast cavity, or air handling space above the ceiling commonly referred to as a "Return Air Plenum".

The plenum rating ensures that Power Pack materials have passed rigorous burn testing standards and are suitable for installation in plenum spaces used to transport environmental air. The plenum space above a suspended ceiling or below a raised floor is typically used as the air return for a building's HVAC system.



"Return Air Space commonly referred to as the Plenum Space (note open space above ceiling)"

A fire in a plenum may go undetected and produce toxic fumes that can be dispersed throughout the entire building by the HVAC system. As a result, fumes anywhere in the building could endanger occupants. Installing products with plenum-rated materials that burn at a much higher temperature and emit fewer fumes can minimize this risk.

KEY FEATURES
Leviton's OSP Series Power Packs provide low-voltage power and line-voltage for use with occupancy sensors

- Self-contained transformer and relay
- Mounts inside or outside of junction box, inside fluorescent ballast cavity, or plenum
- Regulated 24VDC current, 150mA output
- Fast, simple installation
- Single or multiple luminaire control
- Companion Add-a-Relay provides additional capacity
- HVAC relay option
- Zero crossing circuitry provides increased durability
- CUL/US, FCC and NOM certified
- Meets ASHRAE Standard 90.1 requirements
- UL 2043 Plenum Rated

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