

Ozone Sensor Switch

Simple Inexpensive Ozone Switch

OS-1X acts like a thermostat to control ozone generators and alarms based on an adjustable ozone concentration set-point. Simple and inexpensive.



Features

- Contractor-friendly installation
- Operates from easily available 12-24 VDC
- Dead band to avoid system chatter
- Set-point adjustable by the installer but not by the room occupants
- Can be installed directly on HVAC air ducts

Product ID: **OS-1X**
 In Stock: **Yes**
 Price: **\$375**

Specifications

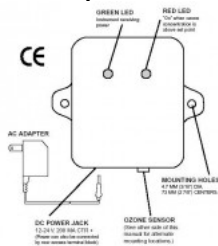
| | |
|--------------------|--|
| Range | 0.03 - 0.1 ppm of ozone |
| Accuracy | Approximately 20% |
| Response time | Within 10s of seconds of the ozone reaching the sensor |
| Measurement | Advanced design HMOS (heated metal oxide semiconductor) sensor |
| Principle | |
| Power Requirements | 12-24 VDC, 300 mA |
| Output control | SPDT non-latching relay. Contacts rated at 5 amps, 250 VAC, or 1/8 HP inductive load |
| Connections | 5 Circuit totally enclosed terminal block for relay output and DC input. Also, 2.5 mm DC power jack for AC adapter |
| Indicators | Green LED: instrument on. Red LED: set-point exceeded and relay activated |
| Case: | Flame-resistant ABS |
| Size | 76 x 64 x 42 mm (3 x 2.5 x 1.625 in) |
| Weight | 5-oz (140 grams) |

OS-1X Spec Sheet



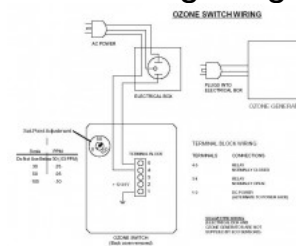
The following shows all the features & specifications of the OS-1X.

OS-1X Component Diagram



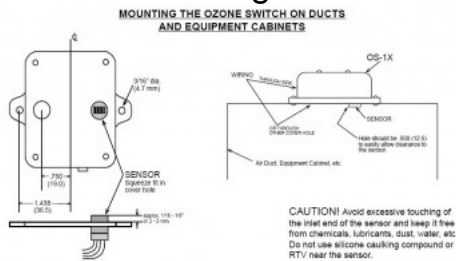
The OS-1X has many features that make it the ideal ozone relay.

OS-1X Wiring Diagram



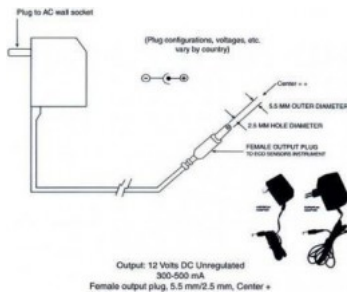
The OS-1X can initiate relay contacts to power a 5A load. User adjustable setpoint allows full control.

OS-1X Mounting inside Duct



The OS-1X has a movable sensor element which allows the OS-1X to monitor the ozone level inside an air duct while the indicator lights are easily visible on the exterior.

Overseas Use



The following information identifies the power connection sizes required for overseas installations.