Protec
Fire and Security Group

3000*PLUS*/OPHT
Optical Smoke & Heat Detector

- **Enhanced Sensitivity to a Wide Range of Smoke Types**

- **High Resistance to False Alarm**

- **Ultra Low Quiescent Current**

- **Latching 'Fire' LED**

- **Range of Base Options**

- **Approved to EN54 Part 5 & 7**

The Protec 3000*PLUS* series of fire detectors, form a range of elegantly designed, aesthetic, low profile detectors which blend unobtrusively into modern working environments. All detectors incorporate a discreet anti tamper security latch and latching 'FIRE' LED indicator with the facility to activate a remote indicator unit.

All detectors are interchangeable with a variety of base options.

3000*PLUS*/OPHT - Optical Smoke & Heat Detector

This thermally enhanced detector provides efficient, reliable detection utilising combined light scatter and heat sensing principles, permitting the device to detect types traditionally more suited to ionisation detectors, providing the fastest response to a fire, whilst drastically reducing common false alarm problems to which optical only detectors may be susceptible.

Providing early warning of a fire condition for all types of fire, the 3000*PLUS*/OPHT is an ideal general purpose fire detector for offices, shops, corridors, factories, warehouses & computer rooms.
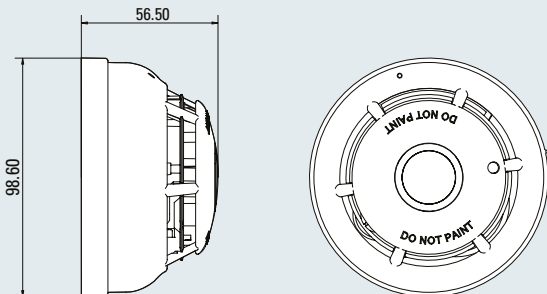
Fully approved to the latest EN54 Part 5 & 7 standards by Intertek.
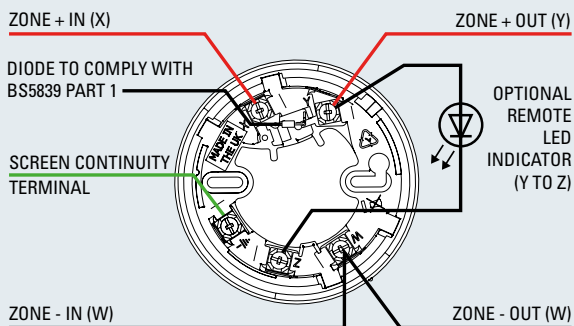
Technical Specification

CE

Independently tested

Intertek

15LHK0962-01

Dimensions

56.50

98.60

DO NOT PAINT

DO NOT PAINT

Typical Wiring using 3000*PLUS*/BASE

ZONE + IN (X)

ZONE + OUT (Y)

DIODE TO COMPLY WITH BS5839 PART 1

OPTIONAL REMOTE LED INDICATOR (Y TO Z)

SCREEN CONTINUITY TERMINAL

ZONE - IN (W)

ZONE - OUT (W)

Technical Specification:

Environment	-10°C to 55°C, 95% R.H (non condensation or icing)
Ingress Protection	IP21C
Weight (excluding base)	98g
Operating Voltage	16-30V dc
Quiescent Current	25μA (average) at 24V dc
Alarm Current	50mA Maximum (must be limited by control panel)
Detection Principles	Optical light scatter and heat sensor
Indication	Red alarm LED (360° viewing angle)
Relevant Standard	EN54 Part 5 & 7

BASE Options:

3000*PLUS*/BASE
- Low profile common mounting base

3000*PLUS*/FFBASE
- Fast fixing semi recessed base

Protec

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