ODYSSEY®

Odyssey Intelligent Standard Base (200-111)

The Odyssey Intelligent smoke and heat detectors all fit the Odyssey Intelligent standard base (200-111). The base is a zero insertion force base with dual finger receptacles of stainless steel into which the detector terminals slide. Cable connections of up to 2.5mm diameter are made via captive cable clamps.

There are four double terminals and one single one. Ll- line IN and OUT, double terminal L2+ line IN and OUT, double terminal +R remote LED positive supply, double terminal -R remote LED negative supply, double terminal The remaining single terminal is isolated and can be used to provide continuity of an earth or shield. Universal address cards, known as XPERT cards are supplied with all bases. The base has a 'one way only' fit and detectors can be locked in to the base by a grub screw.

KEY FEATURES

- XPERT Addressing
- One way fit of detector
- Locking feature to prevent unauthorised detector removal

STANDARDS & APPOVALS

BS 61000-6-3

Emission to BS EN 50081-1

Immunity to BS EN 50130-4

LPCB
1213

TECHNICAL SPECIFICATION

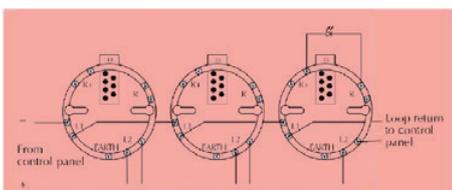|	
Min Supply Voltage	17 Vdc
Maximum Supply Voltage	28 Vdc
Isolation Indicator	Yellow LED, lit continuously in isolation circuit
Current Consumption	23 uA to 43 uA
Max Line Current	3.0 uA
Operating Temp	-20 C to +60 C
Storage Temp	-30 C to +80 C
Humidity (non-condensing)	95% RH
Designs Environment	23 D
Dimensions	100 x 24 mm
Weight	100 g

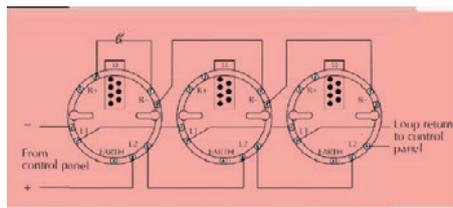Fig.17 Schematic wiring diagram - Odyssey Standard Base

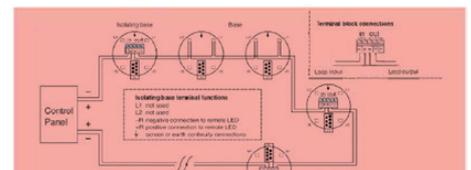Fig.18 Schematic wiring diagram of Odyssey detector circuit with common remote LED

Fig.19 Schematic wiring diagram of isolating base

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