



2. Temperatures above 58°C (136°F). 1. Rapid increases in temperature OR

Detects:

- Not Suitable For: Environments where the temperature might change

or for use where the normal temperature exceeds 44°C (111°F).

Designed to comply with EN54 Grade C/S Label colour: Red

Not Suitable For: Fast detection of slow burning or smouldering fires

occur normally e.g. boiler rooms.

Temperatures above 90°C (194°F).

Suitable For:

Environments where temperatures up to 70°C (158°F

Temperatures above 64°C (147°F) Detects:

Fire detection in smoky environments where rapic bathrooms, where normal temperatures do not temperature changes might occur e.g. kitchens

exceed 44°C (111°F).

Not Suitable For: Fast detection of slow burning or smouldering fires,

Suitable For:

Fast fire detection in smoky or dusty environments e.g. bars or attics, where normal temperatures do not

exceed 38°C (100°F).

rapidly, e.g. kitchens, bathrooms.

Smoky, dusty or steamy environments e.g. kitchens.

Not Suitable For:

ionisation or optical only improved false alarm immunity compared to Suitable For:

Fast detection for widest range of fires. Gives

Detects:

bars, bathrooms.

Designed to comply with EN54-7

Designed to comply with EN54-5 Grade A1/R

Designed to comply with EN54-5 Grade A2/S

Label colour: Urange

Label colour: Green

Label colour: Blue

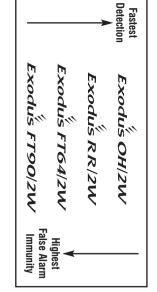
1. Large smoke particles e.g. from smouldering fires OR Does not alarm on heat only increase e.g. from fast flaming fire. 2. Small smoke particles AND a small temperature Suitable For: Detects:

### 8 **CHOOSING A LOCATION** For Indoor Use Only

or landing.<sup>†</sup> detector should be fitted for each level, usually in a central location e.g. hall Always refer to any local or national guidelines (e.g. BS 5839-1) when choosing a suitable location. In a typical domestic installation at least one

In commercial installations at least one detector should be installed for each area to be protected

Always use the most suitable detector for the environment (see Section 7).<sup>†</sup>



10.00

In larger rooms fit a smoke detector at least every 7m (23') or a heat detector at least every 5m (16'). Where obstructions are present

<5m (16') for RR, FT64, FT90 <7m (23') for OH

additional detectors may be required.<sup>†</sup>

### 0 WIRING

panel. See Section 5 for connections The Exodus 2W Series are designed for connection to a conventional fire

Screen. To maintain earth continuity cable screens may be

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connected together here.

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No connection (can be used as 'loop through') -RLED. An external LED may be connected between -RLED and +V The -RLED terminal will sink current when the detector is in alarm

2+

Remote LED (Optional)

- OV. Connect to 0V/-V/L2/Z- on control panel.
- m ₽ +V Out. Connect to next detector on the loop
- +V In. (10-30Vbc). Connect to +V/L1/Z+ on control panel

Conventiona Fire Panel Zone

-RLEI

Ē -RLEI

#### Note $\overline{\mathcal{M}}$

A continuity diode may be fitted between +V In and +V Out. This maintains loop power if a detector is removed

Quiescent current: 60µA	60µA	
Supply Voltage	Alarm Current (no RLED fitted)	Alarm current (approx) (RLED fitted)
12V	12mA	15mA
24V	35mA	58mA
30V	47mA	76mA

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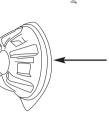
### 12 REMOVE DUST COVER BEFORE COMMISSIONING

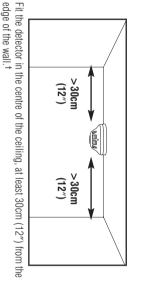
the sensitive electronics. The cover should be and dirt getting into the detector and affecting protective dust cover. This is to prevent dust The Exodus 2W Series comes fitted with a

building work is done kept in place during installation and while any

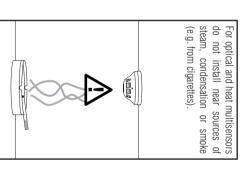
The cover must be removed before the detector

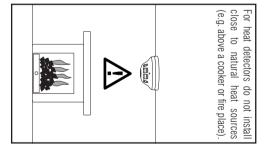
is made operational





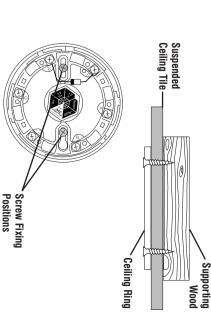
**Avoid Common False Alarm Sources** 



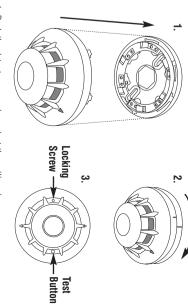


## **9** FIXING THE CEILING RING

Using the ceiling ring as a template mark out the position and drill two holes. When fitting to suspended ceiling tiles it may be helpful to place a piece of wood above the tile to screw into.



# CEILING THE DETECTOR TO THE



1. Push the detector upwards against the ceiling ring

Device ē

2. Rotate the detector clockwise until it clicks firmly into place.

3. To lock the detector head in place turn the hexagonal locking screw clockwise several times, using a 1.5mm hexagonal key.

# E> COMMISSIONING & TESTING

Locking Screw Test Button

on the Exodus OH/2W, and that the thermistor is present on all models Confirm that the panel has detected the alarm signal and then reset the should light and the current consumption increase to 45mA (at 24V) every 8 seconds. After 1 minute press and hold the test button. The LEDs environment. During normal operation of the detector the LEDs will blink detector. The test button checks that the optical chamber is working correctly After applying power allow 1 minute for the detector to adjust to its

Always refer to local guidelines for test requirements and strategies.

plastic can be tested with a hot air gun. Care should be taken not to damage the smoke test units are available. The Exodus RR/2W, FT64/2W and FT90/2W Ideally the Exodus OH/2W should be tested with smoke. Specially designed

after testing. Detectors should be tested on a regular basis.<sup>†</sup> Ensure detectors are reset

If this fails to cure the problem, the detector should be replaced. blink every 2 seconds. In these circumstances remove the detector head and occurs or the microprocessor fails its automatic self test then the LED will scatter signal due to contamination e.g. dust build up. If excessive dust vacuum around the outside of the mesh (do not dismantle the detector). In normal operation the detection LEDs blink momentarily every 8 seconds The microprocessor automatically compensates for a gradual increase in

### CAUTION:

- 1. Never paint the Exodus detectors. Always instruct the end user not to paint the detectors, and ensure that they remain dust free
- $\sim$ Excessive dust build up can lead to increased sensitivity and false alarms user accordingly Be sure to uncover or replace the detector on completion. Instruct the end avoided. Always cover or remove the detector during any building work. the effects of dust build up however excessive exposure should be The Exodus OH/2W incorporates electronic drift compensation to reduce