

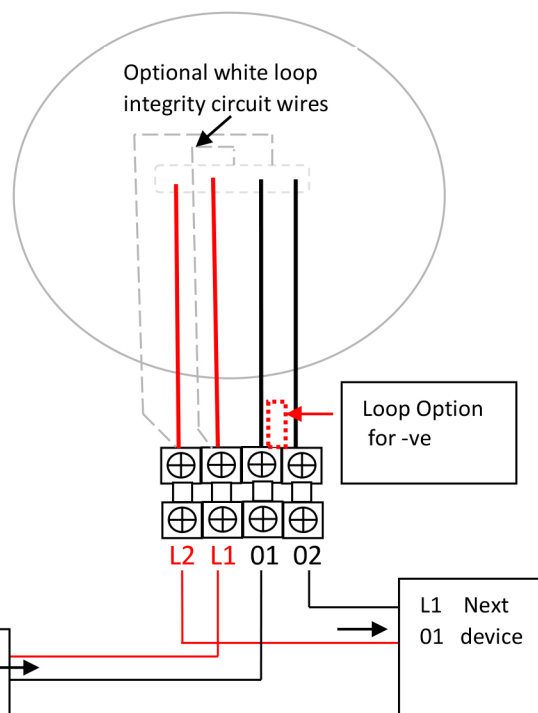
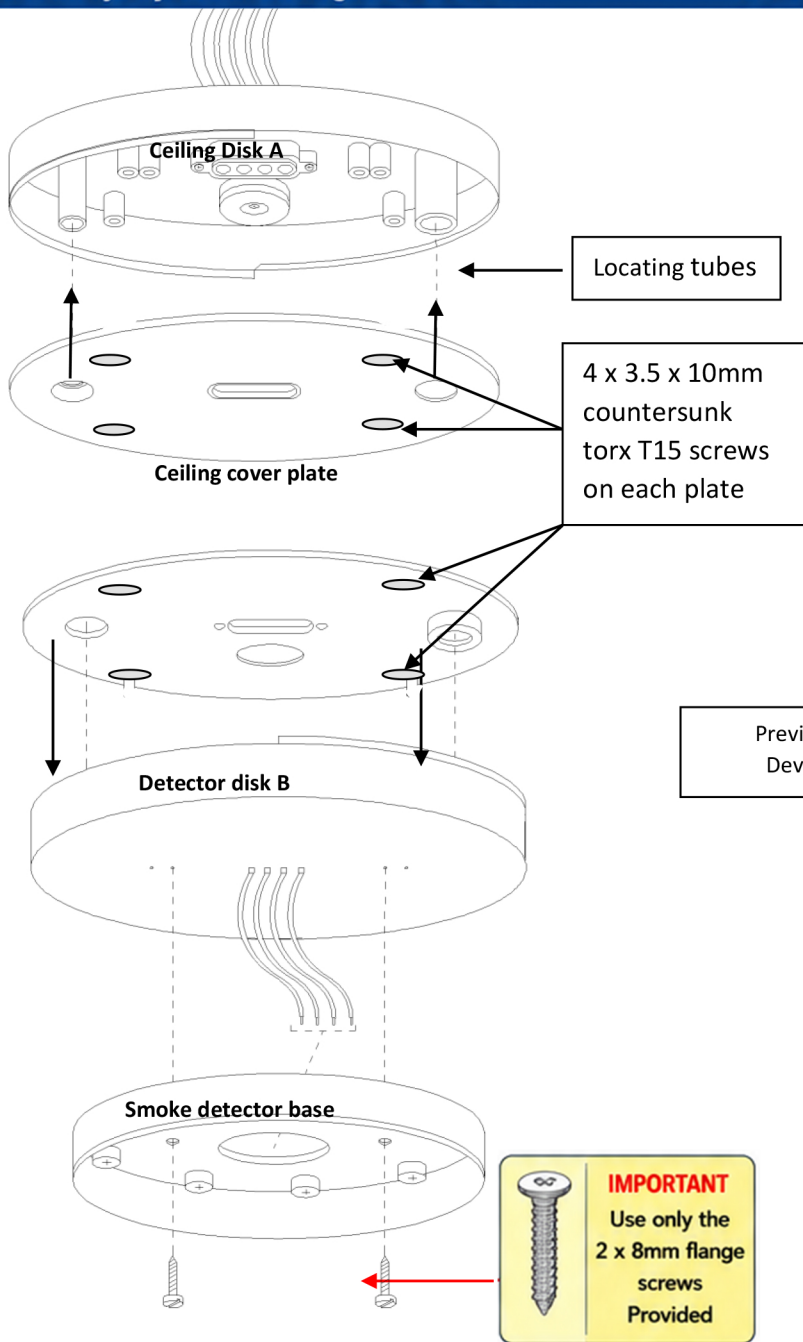
ALD/302/L.

ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY

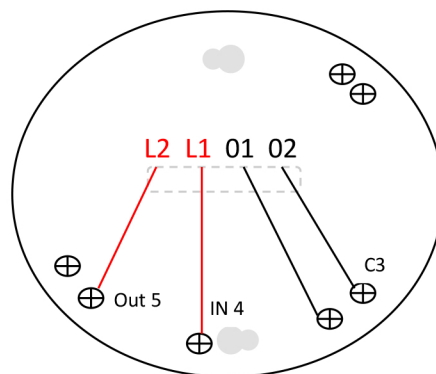
Assembly Layout and fitting instructions

PLEASE READ CAREFULLY BEFORE FITTING DEVICE

CEILING DISK A Diagram 1



SMOKE DETECTOR BASE WIRING



INSTALLATION PROCEDURE:

- 1 Fix Disk A to ceiling or Besa box using predrilled holes provided making all necessary wiring connections, if present, the white loop integrity wires should be connected at this time (Diagram 1). for uneven surfaces on ceilings, fill any gaps around base of Disk A with anti-pick mastic.
- 2 **!** Do not fix the ceiling cover plate into Disk A until wiring has been checked, once fully in place, any attempt of removal will cause damage to the locating pins on the cover plate or to Disk A and will be charged for.
- 3 Connect your smoke detector head base to Disk B using the 2 x 8mm screws provided and make necessary wiring connections.
- 4 Hold Disk A to Disk B letting the magnets and locating tubes guide the units in place until they click together, they will only connect 1 way.
- 5 Check all connections and circuits.
- 6 Finally, separate Disk B from Disk A, and fit ceiling cover plate in to place into Ceiling Disk A, using the 4x 3.5 x 10 mm countersunk Torx 15 screws provided, it is important that the cover plate is fully screwed in place.

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ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY

NEW ALD302/L 4 wire Anti Ligature Base further reducing the risk of self-harm.

SDALS , has announced the introduction of its new and improved Anti-Ligature smoke detector Base (ALD302/L) **Patent No GB2528032**, which is designed to provide additional safety within buildings that accommodate individuals who are at risk.

This is a replacement for the original ALD301, 2 wire version. The new redesigned 4 wire version is a direct result of customer feedback and is ideal for environments such as hospitals, prisons, mental health units and other secure facilities that house and support vulnerable people.

When planning the construction or refurbishment of such a facility, it is essential to eliminate points where a cord, rope, or bed sheet can be looped or tied to a fixture in order to create a point of ligature, which may result in self-harm or, in extreme cases, loss of life.

Many fittings that would usually be considered perfectly safe pose a risk of ligature, so products need to be modified to maintain the same functionality yet provide a safe environment.

Equally, devices must not offer an opportunity to hide drugs, knives, razor blades or any other items that could be used for self-inflicted damage.

Sdals has refined the design of its previous version by incorporating an anti-tamper lip, which ensures that contraband cannot be stored within it.

The ALD302L also has a built-in magnetic switch that provides loop continuity even when multiple devices are removed. This ensures full loop integrity without the need for a separate T-Breaker; something that will help reduce the overall cost of installation. As well as being easy to install, it is certified to 3.4kg release load. (before detector head weight)

The device is simple to reinstate if removed.

To Reinstate after a self-harm attempt

By offering up the two halves together, the internal magnets, plus the patented locating tubes and self-seal lip will do the rest and reconnect the detector into the system. It is impossible to connect the two halves the wrong way.

The ALD302 has also been verified by the National Offender Management Service (NOMS) - the government body responsible for correctional services in England and Wales.

The Product Marketing Manager at Gent a leading manufacturer of detector heads, commented,

'The protection of vulnerable people is taken incredibly seriously, so when our customers offered suggestions about how the previous Anti-Ligature Base could be improved, we instantly contacted the manufacturers, Sdals who enhanced the existing product, the result is the ALD302, and I am Confident it will make a valuable contribution to the way that the pioneering fire detection portfolio can be used within environments that accommodate those who are potentially at risk'*

ALD/302/L.

ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY

KEY Features of the new ALD302L: Universal Anti ligature Detector Base

1. Universal application: Suitable for most detector heads and other electrical equipment.
2. Built in Magnetic switch provides loop continuity when multiple items are removed.
3. Anti-tamper lip to prevent storage of contraband between base and detector.
4. Simple and Hygienic design that is easy to install.
5. Certified to 3.4kg release load.
6. Easy to reinstate the device if removed, simply offer up lower half and the 2 self-aligning tubes and the magnets will do the rest, it is impossible for the two halves to be fitted incorrectly.
7. Approved for in-cell detection by National Offender Management Services (NOMS) in England.
8. Multi choice detector head fittings and Besa box compatibility.



Description:

Description	Antiligature base
Order Code	ALD302/L
Manufacturer	SDALS Ltd

Specifications:

Release Load	3.4 kg Before detector head is attached
Weight of device	0.16 kg
Dimension	138 mm Dia x 30 mm H

ALD/302/L.

ANTI-LIGATURE SMOKE DETECTOR BASE ASSEMBLY

Warning Notice and cleaning instructions to avoid short circuiting of product

As with any specialist electrical product:

1. keep liquid away from all electrical contacts on inside or outside of the detector base assembly part A or B.
2. When part A and B are fully assembled and fitted in final situ you may gently wipe with a clean dry cloth or anti-bacterial wipe if heavily soiled, being careful not to ingress between part A and B, no spray is to be used.
3. Disassembling or pulling apart sections A and B and cleaning in between is not acceptable under any circumstance and may cause damage to electrical contacts.
4. Disassembling product should only be attempted by a qualified electrician.
5. Please refer separately to the smoke detector manufacture instructions for cleaning of their product when attached to ALD302 base assembly .

Material

White Flame-retardant Polycarbonate