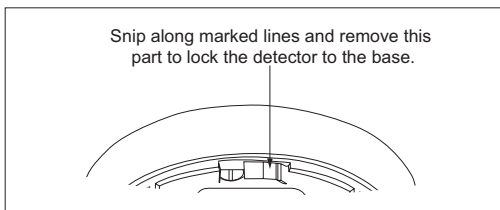


# orbis™

## Relay Base Wiring Guide

1. Activate the locking mechanism if the detector is to be locked into the base. To do this, remove the small portion of plastic shown in **Fig 1** with side cutters or similar tool.

2. Partially screw two screws into the mounting box or soffit at the required centres. Place the corresponding slots of the base over the screws and slide the base home. Tighten up the screws.



**Fig 1** Locking the relay base

3. **Fig 2** shows the wiring terminals. The terminal marked '4' on the base is provided for connecting the screen or functional earth.
4. The outside of the base is marked with a moulded vertical line to indicate the position of the LED when the detector has been fitted. This facilitates detector orientation if required.

### Unlocking the detector

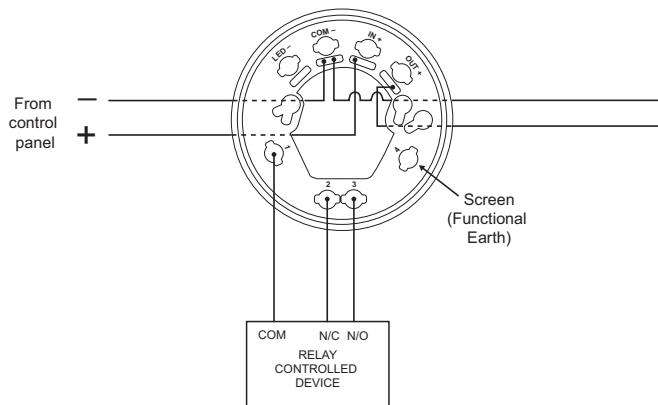
To unlock the detector from the base, insert a 1.5mm hexagonal driver (part no 29600-095) into the small hole on the detector face and gently lever the driver outward whilst rotating the detector anti-clockwise.

## Relay Base

The relay base incorporates a single-pole voltage-free changeover contact for switching ancillary equipment. The contact rating is 30V 1A (max).

When the detector changes to the alarm state, the relay is energised, causing the contact to change state. The contact will remain in this condition until the detector is reset.

*Note: a remote LED will impair the operation of the relay base, therefore, do not use a remote LED with this base.*



**Fig 2** Relay base wiring connections

### Technical Data

|                            |                                       |
|----------------------------|---------------------------------------|
| Base operating voltage     | 10–33V dc                             |
| Base holding voltage range | zone voltage should not fall below 5V |
| Base alarm current         | 7mA at 24V                            |