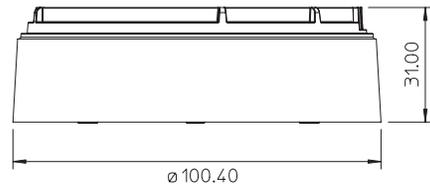
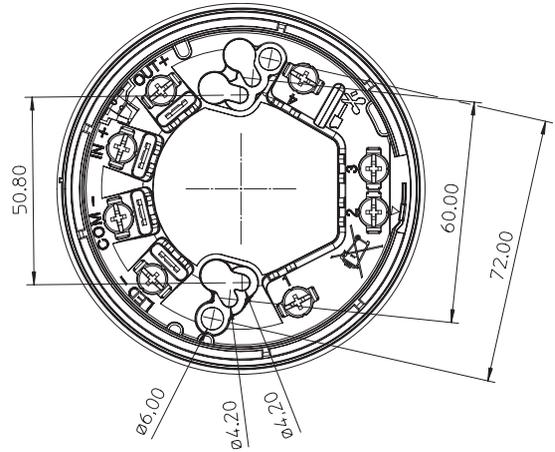


Orbis

Marine Relay Base



Orbis Marine Relay Base dimensions



Product overview

Product	Marine Relay Base
Part No.	ORB-RB-40004-MAR

Approvals



Product information

The Orbis Marine Relay Base incorporates a single pole, voltage-free changeover contact for switching ancillary equipment. 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.

- Grouped terminals to make wiring easy
- Multiple fixing centres
- LED alignment mark
- Cable stripping guide
- Continuity link for voltage testing of zone wiring prior to commissioning
- Detector locking mechanism
- Contact rating 1 Amp at 30 V

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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.

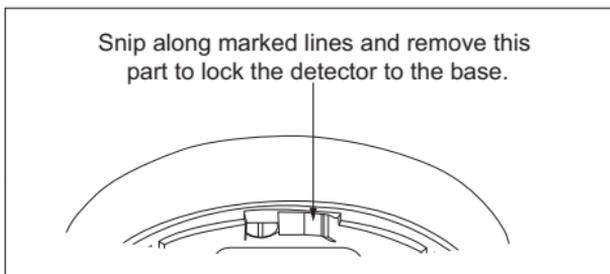


Fig 1 Locking the relay base

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.

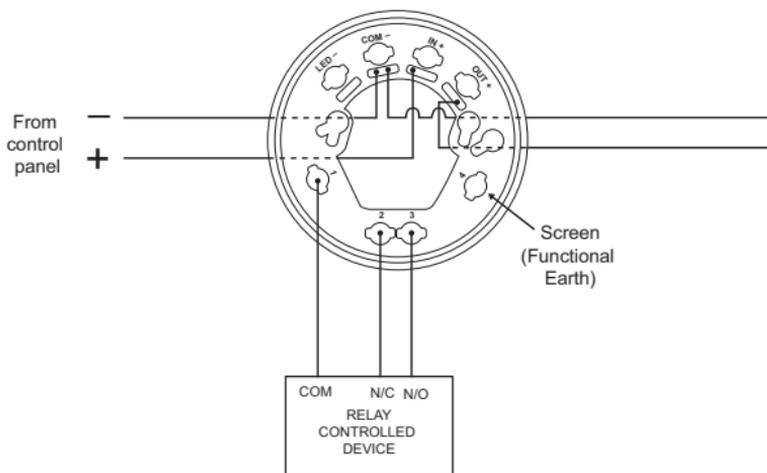


Fig 2 Relay base wiring connections

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

For technical data refer to Product Guide PP2147 held by manufacturer.