



Orbis  
marine

Orbis Marine conventional fire detectors offer a wealth of features to save time, enhance reliability and reduce false alarms within the marine environment. These include drift compensation and DirtAlert®, a feature that warns service engineers via a flashing yellow LED that detectors need maintenance; and patented FasTest®, a procedure that takes just four seconds to test smoke detectors and confirm that they are functioning correctly.

Key features of Orbis Marine:

- Approved for use in marine environments
- Modern, low-profile design
- TimeSaver Base® for fast installation
- Transient rejection for false alarm reduction
- High humidity tolerance at up to 98%RH
- Wide operating temperature -40°C to +70°C





### Orbis Marine Optical Smoke Detector

The Orbis Marine Optical Smoke Detector operates on the well established light scatter principle. However, the sensing technology is radically different in design from previous optical detectors and significantly reduces false alarms.

**Orbis Marine Optical Smoke Detector** [ORB-OP-42001-MAR](#)  
**Orbis Marine Optical Smoke Detector with flashing LED** [ORB-OP-42003-MAR](#)

- Responds well to slow-burning, smouldering fires
- Performs well in detecting black and white smoke
- Extra confirmation of smoke before alarm signal is given
- Reduced incidents of false alarms
- Sensing chamber keeps out dust and other airborne contaminants
- Operates over a broad voltage range of at extremes of temperature
- Flashing LED option



### Orbis Marine Multisensor Detector

The Orbis Marine Multisensor Detector benefits from the same false alarm reduction technology as the optical detector. It is a thermally enhanced smoke detector and so will not give an alarm from heat alone.

**Orbis Marine Multisensor Smoke Detector** [ORB-OH-43001-MAR](#)  
**Orbis Marine Multisensor Smoke Detector with flashing LED** [ORB-OH-43003-MAR](#)

- Responds well to fast-burning, flaming fires
- Reduced incidence of false alarms
- Increased reliability of detection
- Sensing chamber keeps out dust and other airborne contaminants
- Operates over a broad range of voltages at extremes of temperature
- Flashing LED option



### Orbis Marine Heat Detector

The Orbis Marine Heat Detector uses a single thermistor to sense the air temperature around the detector. There are twelve heat detectors in the Orbis Marine range designed to suit a wide variety of operating conditions.

**Orbis Marine Heat Detector**

A1R Standard	<a href="#">ORB-HT-41001-MAR</a>
A1R with Flashing LED	<a href="#">ORB-HT-41013-MAR</a>
A2S Standard	<a href="#">ORB-HT-41002-MAR</a>
A2S with Flashing LED	<a href="#">ORB-HT-41014-MAR</a>
BR Standard	<a href="#">ORB-HT-41003-MAR</a>
BR with Flashing LED	<a href="#">ORB-HT-41015-MAR</a>
BS Standard	<a href="#">ORB-HT-41004-MAR</a>
BS with Flashing LED	<a href="#">ORB-HT-41016-MAR</a>
CR Standard	<a href="#">ORB-HT-41005-MAR</a>
CR with Flashing LED	<a href="#">ORB-HT-41017-MAR</a>
CS Standard	<a href="#">ORB-HT-41006-MAR</a>
CS with Flashing LED	<a href="#">ORB-HT-41018-MAR</a>

- Can be used for applications where smoke detectors are unsuitable
- Ideal for environments that are dirty or smoky under normal conditions
- Reduced incidences of false alarms
- Increased reliability of detection
- Flashing LED option



Please check the Apollo website on a regular basis for up-to-date approvals information.





### Orbis Marine TimeSaver Base®

The Orbis Marine TimeSaver Base® is a completely new design that provides installers with an open working area with fixing holes shaped to allow a simple mounting procedure.

**Orbis Marine TimeSaver Base®**      **ORB-MB-00001-MAR**

- Grouped terminals to make wiring easy
- Two fixing centres
- LED alignment mark
- Cable stripping guide
- Continuity link for voltage testing of zone wiring prior to commissioning
- Detector locking mechanism



### Orbis Marine Relay Base

The Orbis Marine Relay Base incorporates a single-pole voltage-free change over 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.

**Orbis Marine Relay Base**      **ORB-RB-40004-MAR**

- Grouped terminals to make wiring easy
- Two fixing centres
- LED alignment mark
- Cable stripping guide
- Continuity link for voltage testing of zone wiring prior to commissioning
- Detector locking mechanism

