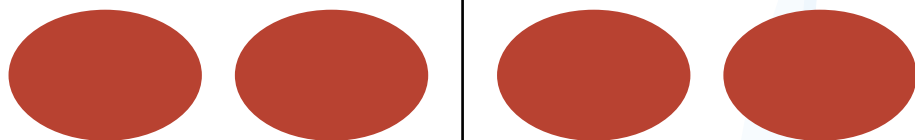


precept marine



conventional control panels



panel features

- Lloyds approved to BS5839 part 4 and ENV1 & 2
- From 2 to 32 zones
- 240V/24V dual supply options
- A one-man test facility
- User-friendly controls
- Easily-removable chassis
- Membrane facia with tactile switches
- Removable cable-entry grommets
- Zonal and relay outputs
- Non-latching zonal feature
- Selectable pulsed/continuous sounder outputs
- For use with marine-approved accessories
- Complies with EMC and LVD Directives



conventional control panels

general introduction

The **precept marine** range of conventional control panels is a powerful yet user-friendly series of control panels. They are designed and manufactured to a high standard and are approved by Lloyds Register to BS5839 part 4 and to marine approvals ENV1 & 2. They are based upon the standard **precept** range of panels which has earned a reputation over many years for quality and reliability and is recognised as market leader in many countries worldwide.

Each panel in this series has extensive configuration options but is easy to install, programme and operate. This is supported by comprehensive documentation on commissioning, operating, maintenance and fault finding.

The manufacturer of the **precept marine** panel is wholly dedicated to producing the highest quality fire equipment to meet stringent and diverse requirements, from the smallest user to nuclear power plants and petrochemical installations. As such, the company is approved to the ISO9001 quality assurance system by the British fire industry's leading accreditation authority, the Loss Prevention Certification Board, as well as being an active member of the British Fire Protection Systems Association and a committed Investor In People.

A programme of continuous investment in new manufacturing technology, including surface mount "pick-and-place" circuit board assembly, ensures long term product reliability and consistency.

technical introduction

The **precept marine** panel may be supplied in 2, 4, 8, 16 or 32 zone formats. Panels are housed in well-designed enclosures with partially-glazed doors. Steel parts are finished in a hard-wearing epoxy paint.

Motherboard and display electronics are fixed to a detachable chassis, thus facilitating a completely empty enclosure for first fix installation. The motherboard is microprocessor-based and includes all the panel's electronics. The panels are designed for use with marine-approved detectors. A range of semi-flush bezels can be supplied for all **precept marine** control panels.

All zones are monitored for both open and short circuit fault conditions. To enable compliance with BS5839 part 2, active end of line terminators are provided to enable detector removal to be monitored, whilst maintaining fire response from remaining detectors. Two alarm circuits are provided as standard, monitored for both open and short circuit faults. More alarm circuits may be added using alarm expansion or zonal alarm boards.

Two changeover relay contacts operate on any fire condition and latch until reset. One non-latching changeover relay contact operates on any fault condition. Zero volt open collector outputs are provided for zonal fire conditions and common fault. Three normally open inputs provide for remote evacuate, silence alarms and reset control.