

# ESENTO MARINE

**8-12 ZONE  
MARINE APPROVED FIRE CONTROL PANEL**



Quality, reliability, ease of use and feature rich are attributes that are consistent across the entire range of Haes fire alarm control panels. The Esentto Marine 8 & 12 zone encompasses all of these attributes to provide a panel that meets a variety of needs.

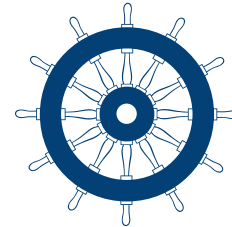
For the fire alarm engineer the Esentto Marine has been designed to minimise labour costs. There is ample room for wiring, changing batteries and clear indication while the one man walk tests will help reduce the cost of maintaining the fire alarm system.

Simplicity was one of the most important aspects when considering the end user of a fire alarm panel. The colour coded buttons and the 3 step silence functionality gives non technical people the confidence to correctly manage their fire alarm system.

Esentto Marine control panels come with a large range of engineering features, including, programmable functions for both zones and sounder circuits, false alarm management mode, muster alarm and programmable output delays.

## Features at a glance

- 8 or 12 zone
- 3 modes to manage false alarms
- Muster alarm
- Programmable output delays
- Programmable inputs
- Programmable relays & outputs
- One man walk test
- Key-switch or code entry for activation of controls
- Four monitored sounder circuits
- Fully functional repeater panel



Marine Approved

Models	Description
ESEN-8MAR	8 zone
ESEN-12MAR	12 zone

## Compatibility

Haes Esento Marine panels support the Orbis Marine range of detectors. Dependency modes require a 220Ω 'Evacuate' call point for EN54 compliance.

### Main Features

- 8 or 12 zones
- Activate controls via keyswitch or code entry
- Soft tactile buttons for controls & programming
- Compatible with Orbis Marine detectors
- Integral detector removal monitoring
- Earth fault monitoring
- 3 Amp switch mode power supply Nom 27V DC
- 4 monitored sounder outputs
- 2 Aux C/O relays (1 x Fire) (1 x Fault). voltage free
- Class change I/P
- Alert (pulsing) I/P
- Fire & fault switched -ve outputs
- Program delays to outputs
- False alarm modes A, B & C
- Muster alarm
- Test mode, with or without sounders
- Disable zones, sounder O/Ps, aux O/Ps & delays
- Alarm load, 2.4A shared between all sounder outputs
- All sounder circuits are fused @ 500mA with resettable fuses.

### External Indications - Level 1

- Zones in Fire
- Zones in Fault, Disabled or In Test Mode
- Supply Healthy
- General Fire
- General Fault
- General Disablement
- Test Mode
- Sounder Status
- Aux Output Status
- Power Supply Fault
- Delay Status
- Repeater Fault
- System Fault
- Access Level

### External Controls - Level 2

- Keyswitch or code entry 'activate controls'
- Colour coded buttons for controls and programming
- Button functions:
  - Resound
  - Silence
  - Reset
  - Disable Mode
  - Test Mode
  - Mute Buzzer
  - Test Lamps
  - Enter

### Internal Controls

- PSU Voltage adjustment
- DIL switches:
  - Access level 3 mode

### Access Level 3 Options

- View event history
- Set buzzer volume
- Clear all disablements
- Initialise factory settings
- Panel wide settings including, change keypad access code, set delay time, and set number of repeater panels
- Set zonal functions including, non latching zones, short cct fire, detector removal monitoring & silent mode
- Set muster alarm zone(s)
- Set intrinsically safe zones
- Set panel & zones to dependency mode
- Select sounder resound options for zones (EN54 requirement)
- Program inputs
- Program outputs
- Program repeater panels

### Cabinet

- 1.2mm mild steel, lockable, 20mm knockouts
- Colour ref: Radon MW334E Interpon powdercoat
- Back box = 450mmW x 300mmH x 85mmD
- Lid = 460mmW x 310mmH x 25mm (Return)
- Max battery size = 2 x 7.0Ah, 12v, SLA



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