

# AlarmSense®

EN54 APPROVED ALARMSENSE 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 AlarmSense encompasses all of these attributes to provide a panel that meets a variety of needs.

For the fire alarm engineer the AlarmSense has been designed to minimise labour costs. There is ample room for wiring, changing batteries and clear indication. Activation is via key switch or access code, which means you should always be able to work on the panel and 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.

Two or four AlarmSense fire zone circuits are provided plus two additional conventional monitored sounder circuits. Fire & Fault VFCO relays, Fire & Fault switched negative outputs, class change and an alert input are also included.

Haes AlarmSense panels are approved to European standards EN54-2 & 4, Fire Detection and Alarm Systems – Control & Indicating Equipment.

## Features at a glance

- 2 or 4 AlarmSense zones
- Approved to EN54-2 & 4
- Smart design, easy to install, commission & maintain
- False alarm reduction with 'non priority' signalling
- Local & general alarm switching
- Class change & pulsing inputs
- Ideal for HMOs
- Fire & fault relays
- One man walk test
- Key-switch or code entry for activation of controls
- Fault diagnostics mode



Approved to:  
EN54-2: 1997 + A1: 2006 & EN 54-4: 1997  
+ A1: 2002 + A2: 2006

Models	Description
ALS-2	2 zone AlarmSense
ALS-4	4 zone AlarmSense

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## Compatibility

Fire Zone Circuits: Apollo AlarmSense devices only

Conventional Sounder Circuits: Any modern, low current, polarised & suppressed sounders, bells & beacons

### Main Features

- 2 or 4 AlarmSense zones
- Activate controls via keyswitch or code entry
- Soft tactile buttons for controls & programming
- Integral detector removal monitoring
- 1.25 Amp switch mode power supply Nom 27V DC
- 2 conventional monitored sounder outputs
- 2 Aux C/O relays (1 x Fire) (1 x Fault). voltage free
- Class change I/P
- Alert I/P
- Fire & fault switched -ve outputs
- Test mode, with or without sounders
- Disable zones, sounder O/Ps & Aux O/Ps
- Alarm load, 800mA shared between all sounder outputs

### 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
- 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:
  - Zone interface setting
  - Access level 3 mode

### Access Level 3 Options

- Select sounder resound options for zones (EN54 requirement)
- Initialise factory settings
- Set buzzer volume

### Cabinet

- Mild steel, lockable, 20mm knockouts
- Colour ref: Radon MW334E Interpon powdercoat
- Back box = 300mmW x 250mmH x 80mmD
- Lid = 308mmW x 260mmH x 23mm (Return)
- Max battery size = 2 x 3.2Ah, 12v, SLA



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