



Two-Wire Conventional Fire Alarm Products

Alarmsense® Two-wire Devices



FPA-239



FPA-240



FPA-243



FPA-244



FPA-245



FPA-246



FPA-247

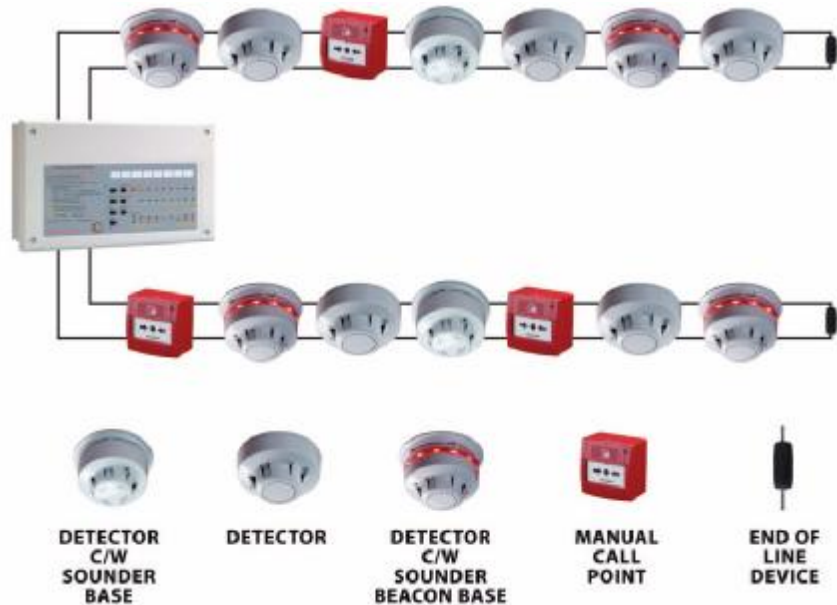
AlarmSense® is a range of conventional fire detection and alarm products specially designed to be connected to the same pair of supply wires in a detection and alarm zone. The range comprises detectors, a manual call point, a sounder, a beacon and a relay module.

AlarmSense® detectors and devices are powered and controlled by purpose-designed control and indicating equipment and are acceptable for both BS 5839-1 and BS 5839-6 systems.

The AlarmSense® range of products are particularly useful for fire protection in Houses in Multiple Occupation (HMOs).

Features

- Detectors, manual call points and sounders are connected on the same two wires
- Sounders can be wired to the same point as detectors
- Failsafe operation of manual call points when detectors are removed
- Zonal fire tracking and alarm indication
- Synchronisation of visual/audible alarms
- Detectors and manual call point alarms are identifiable separately
- Detectors and manual call points can be disabled separately
- Reduction in wiring and installation costs
- Ease of installation
- Flexible system design



Device Technical Information

Detectors/Call Points

Operating Voltage range: 9-33V

Quiescent current at 15V: <50µA

Alarm current at:

2 - 8.5V <1.5mA

10.5 - 15V 25 ± 2mA

18 - 24V <1.5mA

33V <2mA

Detector Dimensions/Weight: Ø100mm x 50mm (Inc. base); 100g

Call Point Dimensions/Weight: 87mm x 87mm x 52mm; 170g

Sounders/Sounder Bases

High volume setting (max): 87dB(A)

Low volume setting (nominal): 70dB(A)

Dimensions/Weight: Ø115mm x 40mm (Inc. base); 150g





Alarmsense® Two-Wire Devices

Alarmsense® Repeater Panel Ordering Codes & Information

Cat No	Description
FPR-006	8 Zone Repeater Panel
FPA-226	Network driver card (1 required per repeater system, fit at main panel)

Alarmsense® Detector Ordering Codes & Information

Cat No	Description
FPA-239	Standard Heat Detector
FPA-241	Standard High Temp Heat Detector
FPA-243	Detector Base
FPA-245	Optical Smoke Detector
FPA-247	Integrating Optical Smoke Detector

Alarmsense® Sounder Base/Detector Combinations Ordering Codes & Information

Cat No	Description
FPA-240	Heat Detector/Base/Sounder Combination
FPA-242	High Temp Heat Detector/Base/Sounder Combination
FPA-246	Optical Smoke Detector/Base/Sounder Combination
FPA-248	Integrating Optical Smoke Detector/Base/Sounder Combination

Alarmsense® Sounders with Integrated Base Ordering Codes & Information

Cat No	Description
FPA-250	Base Sounder - requires lid for stand alone use
FPA-251	Base Sounder/Beacon
FPA-252	Red Lid for FPA-250
FPA-253	White Lid for FPA-250

Alarmsense® Ancillaries Ordering Codes & Information

Cat No	Description
FPA-244	Relay Module - needs mounting box
FPA-249 *	Remote Indicator
FPA-254	Surface Mounting Manual Call Point

* Not for use with sounder and sounder beacon combinations

Alarmsense® Sounder Beacon Base/Detector Combinations Ordering Codes & Information

Cat No	Description
FPA-352	Optical Smoke Detector/Sounder Beacon Base Combination
FPA-353	High Temp Heat Detector/Sounder Beacon Base Combination
FPA-354	Heat Detector/Sounder Beacon Base Combination
FPA-355	Integrating Optical Smoke Detector/Sounder Beacon Base Combination



FPA-248



FPA-250



FPA-251



FPA-254



FPA-352



FPA-355