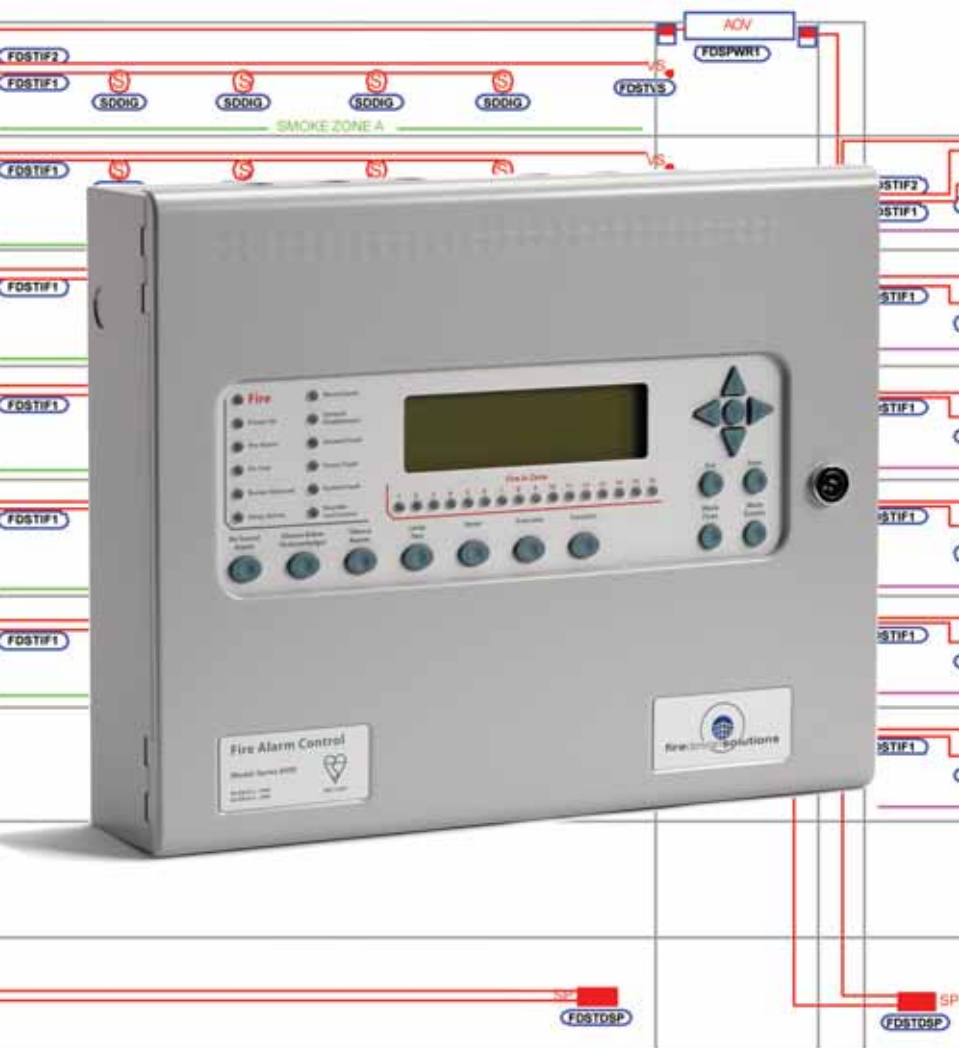


Fire alarm systems



Fire Design Solutions provides design, supply, installation, commissioning and maintenance services for fire alarm systems. We are able to provide these systems individually or as part of an integrated fire safety solution for the entire building.

An automatic fire alarm system is an active fire protection system designed to detect the presence of fire by monitoring environmental changes associated with combustion. They are broadly classified as automatic, manually activated, or both.

Automatic fire alarm systems can be used to notify people of the need to evacuate in the event of a fire or other emergency, to summon assistance from emergency services, and to prepare the structure and associated systems to control the spread of fire and smoke.

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Unique Design Approach

Utilising our experience as fire consultants, we are able to ensure compliance with the relevant British Standards (BS 5839) and to the correct categorisation.

Due to the introduction of the L5 category ('all other situations'), which covers fire engineered applications, we are able to offer clients a system design based upon a full understanding of fire dynamics and smoke flow. This will, therefore, enable us to achieve not only a cost effective solution but one that also allows for complex building layouts.

Additional design focus is placed upon the need to maintain the system and so, where possible, we look to modify the design proposals to allow for safe and speedy access.

In addition to meeting the functional requirements of the building regulations, our hybrid systems allow for the protection of property and life over and above the basic code requirements.

Our fire alarm system panels are approved to BS EN54-2 and BS EN54-4.



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