

Smoke & Fire Damper Control System 11

Actively prevents the spread of smoke and fire through a ductwork system

Introduction

The System 11 control panel is a basic damper control system, that controls and monitors Fire/Smoke dampers. The system is completely hard wired and in tailor made to each customers requirements. Expansion is usually limited to the amount of free space designed in at construction stage.

Features

- Controls and monitors unlimited number of dampers
- Unlimited fire zones-dependent on damper control requirements
- LED damper “open and closed” indication
- Cabinet to suit number of dampers
- Individual damper control if required
- Each damper individually wired back to the panel via a 5 core + earth cable.
- Fireman's override control
- Surface mounted cabinet as standard (Flush mount optional extra)
- 240 volt AC supply to main panel as standard
- Damper actuator voltage to be confirmed by the customer
- Fan control (option)
- Building Management System (BMS) fault volt free contacts optional extra
- On-site commissioning (if required)

Standards

The design of Advanced Air control panels allows the relevant sections of BS5588, to control smoke in buildings if a fire occurs, to be addressed. The applicable parts of BS5839 are taken into account, together with conformity to EMC regulations (EN60204).



General Wiring Arrangement Advanced Air System 11 Hard Wired Damper Control Panel

Information:

- Max.No.Dampers : Unlimited.
- Damper Status : Standard.
- Fireman's Override : Standard.
- Individual Damper Control : Optional.
- Fire Alarm Zones : Unlimited.
- Panel / Damper Voltage : 230v Or 24v.
- Damper Actuators Driven From Panel.

Notes:

- Fire Alarm Zones May Come From B.M.S.Or Fire Alarm Panel.
- Where 230v Dampers Are Used, It Is The Responsibility Of The Installer To Supply Local Isolation As Per Current IEE Regulations

