

FIREBETA II BUDGET RANGE

Key features

- 2 and 4 zone versions.
- Robust in construction, precise with information and simple in operation.
- Designed to comply with BS EN54 Part 2 and 4.
- 12 Programmable engineering functions include delay timers, non latching zone, password edit and one man walk test options.
- Microprocessor based system provides additional flexibility.
- Logo insert for installer identification.
- Compatible with a wide range of detection devices including Apollo, Hochiki and Nittan.

Description

The Firebeta II budget range of conventional microprocessor based fire alarm panels provide a versatile and flexible method of control for smaller, cost-conscious installations.

Covering 2 or 4 zones of detection, each with up to 32 point detectors, the panels can also be used in combination with repeater panels.

Engineered under the stringent requirements of BS EN ISO9001, Firebeta II offers flexibility in design, installation and operation, making it ideal for use in small industrial units, schools, shop units, private clinics and nursing homes, hotels, factories or residential premises.



All units incorporate a membrane display, which provides a host of facilities for both the user and engineer. A numeric code provides the required user access restrictions, but allows entry to the operator and the engineering levels.

Membrane inserts allow zone descriptions and alternative language text to be accommodated. Firebeta II has an integral power supply unit and space for standby batteries.

Two reverse polarity monitored sounder/indicating circuits can be configured in a pulsed or constant mode of operation.

Volt-free changeover contacts allow the transmission of fire and fault signals to a remote source.

Enclosure

The enclosure consists of a back box, door and LED Membrane Fascia and is designed to allow ease of installation with pre-formed (20mm) knock-outs for cable access located in the top of the enclosure. The enclosure is constructed of 1.6mm (16 swg) mild steel with a powder coated, corrosion resistant paint finish of Ash Grey, semi gloss BS 00A01.

FIREBETA II BUDGET PANEL SPECIFICATION

Description	2 and 4 zone panels
Mains supply input	220/240v AC 50Hz+ 10%, -15%
Sounder Circuits	2 x 500mA load
Quiescent Current	56mA (220 ms) 62mA (4 ZONE)
Alarm Current	160mA (No sounder load)
Power Supply capacity	1.5 Amp
Detection compatibility	APOLLO, HOCHIKI & NITTAN - Standard base and passive end of line using 3K9 end of line (EOL) - Schottky diode base and active end of line using 6K8 EOL - 32 detectors per zone
Class Change Input	Yes
Fault Repeat Output	Yes
Status LEDs	12 (plus zonal fire and fault LEDs)
Membrane Controls	20 (including numeric, cancel and enter keys)
Data Storage	Yes - entry via membrane keys
Battery Capacity	7.0Ahr
Dimensions	375w x 250h x 115d (mm inc. door)
Weight (inc batteries)	11kg
Ingress Protection	IP31 (BS/EN60529) - with door closed

INDICATIONS AND CONTROLS

Membrane Indication	Colour	Function
Fire (per zone)	Red	Fire in zone indicated
Fault (per zone)	Yellow	Fault in zone indicated
Alarm	Red	Alarm conditions exists in the system
System Fault	Yellow	Processor fault condition exists in the system
PSU Fault	Yellow	Mains supply failure, battery open circuit or fuse failure
Power On	Green	The panel has power (mains and/or batteries)
Disablement	Yellow	Zone isolated
Common fault	Yellow	Fault condition exists in the system
Sounder Fault	Yellow	Sounder circuit fault detected
Panel Enabled	Yellow	Panel in access level 2 or 3
Test Mode	Yellow	Test mode in operation
Earth Fault	Yellow	Earth fault detected
Output Delayed	Yellow	Alarm time delay invoked

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INDICATIONS AND CONTROLS

Membrane Controls	Function (P=Password protected)
Numeric Keys 0-9	Used to select access level codes and menu options
Cancel	Clear access levels 2 and 3
Enter	Used when inputting numeric information
Silence Buzzer	Silences internal buzzer
Silence Alarms	Silences all alarms (P)
Delay Override	Overrides time delays in alarm condition
Reset	Clears any panel activations (P)
Isolate	Isolates detection zone(s) (P)
Evacuate	Activates all sounder circuits (P)
Test	Tests operation of all LEDs & buzzer, initiates one-man walk test (P)

Internal Controls	Function
Main Processor Reset	Restarts main control processor
System Fault Cancel	Clears system fault after main processor restarted



Kidde Fire Protection

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