

NFS2-8 Non Addressable Fire Alarm

Data Sheet



Product Benefits

- CPD approved to EN54-2&4
- Simple to install
- Robust fire resistant ABS moulded enclosure
- Battery space for up to 72 hour stand-by
- 2, 4 or 8 zone versions available

Advanced Features

- Zones configurable for delay, coincidence, short-circuit alarm, capacitor or resistive end of line.
- Fire and fault outputs - volt-free relay or monitored
- Auxiliary power output for ancillary equipment
- 2 configurable inputs for ancillary equipment (e.g. class change, alert, etc.)
- Space for two option modules
 - Optional 8-way relay module, common or zonal switching
 - Optional 1.5A 4-way sounder module, common or zonal switching

Developed with efficiency in mind, NFS2-8 zone non-addressable fire alarm panels offer both installers and end users a technically advanced range of functions while remaining easy to install, program and operate. A full range of non-addressable detectors, advanced non-addressable detectors, beam detectors, manual call points, duct mounting applications, audible and visible devices are available for use with the panels.

NFS2-8 series fire alarm panels are ideally suited for facilities including offices, shop units, public houses, B & B, clubs, small industrial units, nursing homes and schools, offering a wide range of benefits to installers and end-users.

Installation

NFS2-8 fire alarm panels are designed to simplify installation. The enclosure consists of a two part arrangement of front cover and back box. The back box contains a central top key hole fixing with two additional fixing points that are angled to facilitate final alignment.

Eighteen knockouts in the top of the back box provide ample cable entry points and are suitable for both standard and enhanced cables.

All cable connections are conveniently located along the top edge of the control and power supply unit (PSU) modules. Screw terminals are provided and allow for cable cores up to and including 2.5mm² C.S.A.

Space is provided within the box for two option modules.

Specifications

Dimensions

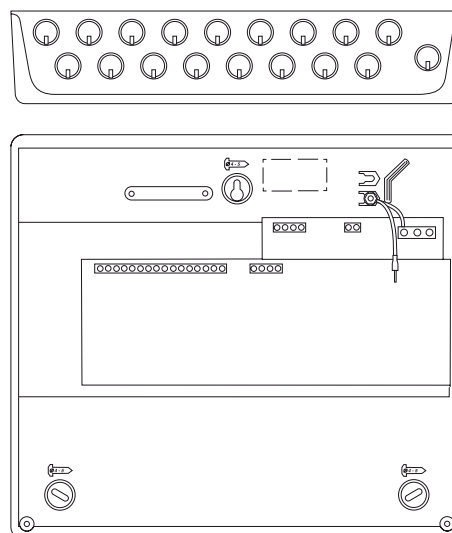
- 356 mm(w) x 318 mm(h) x 96 mm(d)
- Weight 2kg (without batteries)

Electrical

- Supply rating: 230V~(ac) $\pm$ 15%, 50 / 60Hz, 1.6A
- Auxiliary output voltage: 18.0-28.5Vdc
- Auxiliary output current: 0.5A maximum
- Sounder circuit: 0.5A maximum per circuit
- Sounder circuit total: 1.0A maximum
- Optional sounder module may be used with an external power supply to give an additional 1.5A per module

Environmental Limits

- Operating temperature: -5°C to +45°C
- 5% to 95%, non-condensing relative humidity
- IP rating: IP30



Ordering Information

Part Number	Description
002-490-129	Two zone non-addressable fire alarm panel, complete with fire/fault relay and capacitor end of line.
002-490-149	Four zone non-addressable fire alarm panel, complete with fire/ fault relay and capacitor end of line.
002-490-189	Eight zone non-addressable fire alarm panel, complete with fire/fault relay and capacitor end of line.
020-772	4 way sounder card. Adds 4 configurable sounders. 1A per circuit. Maximum total load - 1.5A
020-747	8 Way relay card. Adds 8 configurable relays. These can be configured as inputs or outputs.
020-745-008	Spare installation kit. Includes 8 capacitive end of lines, battery leads, Allen key, panel controls key and sounder end of line resistors.
020-710-001	Spare text inserts
020-743	Capacitor kit for detectors not compatible with capacitive EOL monitoring. Includes 8 x 10 μ f capacitors. Active EOL's required - See part number 020-417. Active end of line monitor module.
020-417	Active end of line module. Use with diode bases to monitor detector removal while maintaining zone operation.



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