

Noby 220i R2

Fire Alarm Control Panel



all for one

one for all

interlink

- + 2x zone detector circuits
- + 2x external sounder circuits
- + 1x internal 85dB (3.3m) sounder
- + internal LED alarm strobe / night lamp
- + programmable output relay SPDT
- + fault output signal
- + programmable ext. fault input
- + 12V / 1.2Ah battery / >88 hrs standby
- + steel enclosure / stainless steel facia
- + dimensions: 168mm x150mm x 55mm



- + Noby *interlink* data communication
- + connect up to 8 Noby-220iR2 panels
- + communicates fire alarms and faults
- + stand-alone or multi-panel systems
- + **EN54-2 and EN54-4 certified**

Noby 220 *i*nterlink

The Noby-220*iR2* is a conventional 2 zone fire control panel which can be operated either in stand-alone mode, or linked to neighbouring panels via the 2 wire interlink bus to create a multi-panel system.

Typical applications for a Noby-220*iR2* system include apartments, flats, student accommodation, or any other multi-occupancy building where several properties share a common fire risk.

Fire alarms are signalled to adjoining properties either instantaneously, or after a programmable 60s delay to allow sufficient time to cancel any nuisance alarms. Remote alarms are distinguished from Local alarms by pulsing the sounders. Fire alarms and system wide fault warnings are uniquely displayed and identifiable at each station.

With an attractive modern looking stainless steel facia the Noby-220*iR2* fits comfortably into most surroundings. End-user operation is both intuitive and user friendly making the Noby-220*iR2* an easy fire control panel to live with.

Despite its small size the Noby-220*iR2* is CPR certified, with design features to meet and often exceeding the requirements of EN54-2 and EN54-4.

An on-board sounder, an integral LED strobe light and a handful of programmable options makes the Noby-220*iR2* the perfect choice for residential and small commercial systems. When coupled with Noby's proven record for quality and reliability the Noby-220*iR2* is the professional solution for engineers.

Specification

Detector Circuits

Detection zones	2
Detectors per zone (100µA each)	10 (1mA/zone max)
S/C & O/C fault monitoring	Yes
Head-removal monitoring	Yes
One-man walk test	Yes

PSU & Battery

SLA battery	12.0v / 1.2 or 1.3Ah
Low battery warning	11.0V
Final battery cut-off voltage	10.5V
Standby battery current	7.5mA
Battery standby time	>88hrs
PSU & battery Rimax fault monitoring	Yes

Inputs & Outputs

Internal Alarm Sounder SPL	85dB at 3.3m
Internal Fault Sounder	65dB
Local Fire Alarm	continuous
Remote Fire Alarm	pulsed 3s/1s
External sounder current max.	150mA
Sounder circuit fault monitoring	Yes
Fire / Fault relay (programmable)	1A / 30V
LED alarm strobe / lamp	Yes
Fault signal output	Yes
Fault signal input (programmable)	Yes

Interlink

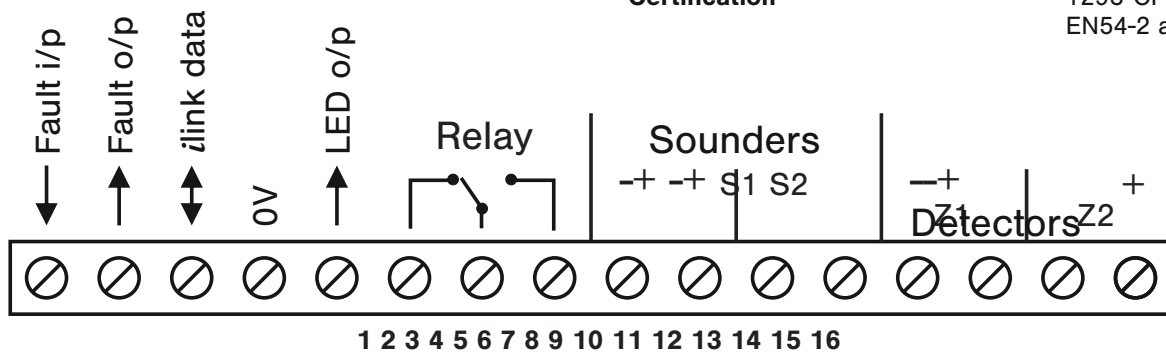
Bus capacity	8 x Noby-220 <i>iR2</i>
Max. cable length	250m
Monitored data bus	Yes

Mechanical

Dimensions WxHxD	168 x 150 x 55 mm
Gross Weight	1150g

Certification

1293-CPR-0385
EN54-2 and EN54-4



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