

NZ3200 CONVENTIONAL FIRE INDICATOR PANEL

A NZ conventional Fire Alarm Control Panel

PDS106-0001

Description

The NZ3200 is an automatic Fire Alarm Control Panel. The NZ3200 can accommodate up to 32 2-wire conventional fire detection circuits able to accommodate heat detectors, smoke detectors, manual call points or a combination of these devices.

The NZ3200 is offered in two (2) different cabinet sizes with a capacity of 16 or 32 zones respectively.

Programming the FACP options is easily achieved with the use of DIP switches located on the main circuit board.

A remote zone mimic indicator can be connected to the FACP via the on-board RS485 communications port.

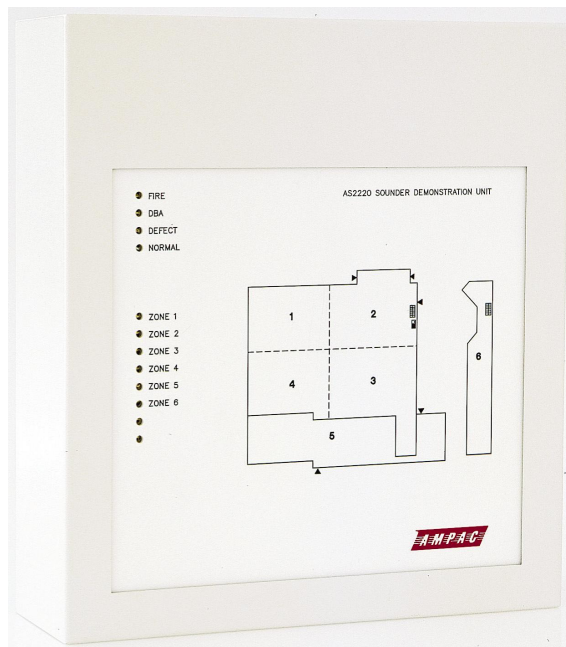
Back lighting is provided for the acrylic index. The index can be easily fitted or removed.

The NZ3200 has two bell outputs to alert personnel in the event of a fire. These outputs are monitored for short and open circuit conditions. With the addition of an SGD Type II board the system can signal the brigade.

Up to four (4) programmable relays can be added to the panel using the serial relay board - Single or 8-way Relay.



**Front Panel View
Rear Service NZ3200**



**Rear Service NZ3200
Rear Panel View**

Features

- 8, 16, 24 or 32 detection zones
- Available in Front and Rear Service
- DBA input
- Supports ATS connection
- Zones selectable for Bell / Brigade calling
- Programmable zone response – only AVF
- Back lighting for index panel
- Defect Buzzer selectable
- RS485 remote zone mimic indicator
- Auxiliary relay with isolate control
- Easy expansion with 8-zone module

NZ3200 CONVENTIONAL FIRE INDICATOR PANEL

A NZ conventional Fire Alarm Control Panel

PDS106-0001

Specification

Mechanical		
Capacity	16 Zone	32 Zone
Material	1.6mm Mild Steel	1.6mm Mild Steel
Finish	White Powder Coat	White Powder Coat
Dimension	450H x 400W x 130D mm	750H x 400W x 130D mm
Weight	12kg (no batteries)	17kg (no batteries)
Electrical		
Mains Supply	230 VAC ± 10% @ 0.5A	
Operating Voltage	24 VDC	
Supply Current	500mA (max)	
Quiescent Current	45 mA	
Battery Capacity	2 x 12V 7Ahr	
Input		
Detector Circuit (4)	1.6mA @ 24 VDC	
DBA	Monitored	
External Defect Input	Monitored	
Door Interlock Input	Unmonitored	
Output		
Bell 1	2A @ 24 VDC	
Bell 2	2A @ 24 VDC	
Auxiliary Power	1A @ 24 VDC (fused)	
Auxiliary Relay	Volt-free Changeover contact (5A @ 24 VDC)	
Brigade	Type II SGD	
Serial relay	Programmable - 1 (max 4) or 8-way	
Remote zone mimic	RS485 communications	

Controls	Indicators
External Silence Alarms Evacuate	External Fire DBA Defect Normal Fire Zoned (1 per zone)
Internal Reset Buzzer Mute Walk / Self Test Bell Isolate Auxiliary Relay Isolate Programming DIP Switches	Internal Fire – Common DBA Defect – Common Normal Mains On Fire Zone (1 per zone) Battery Defect Bell Defect System Defect Defect Zoned (1 per zone) Self Test Walk Test External Defect
Approvals	NZ4512:2003, Opus
Order Code	
106-0001	Rear Service 16 Zone / 8 Zone
106-0002	Front Service 16 Zone / 8 Zone
106-0003	Rear Service 16 Zone / 16 Zone
106-0004	Front Service 16 Zone / 16 Zone
106-0005	Rear Service 32 Zone / 32 Zone
106-0006	Front Service 32 Zone / 32 Zone
155-0001	Type II SGD
155-0003	8-way Relay Board
155-0015	Serial relay
155-0016	Remote Zone Mimic Driver
155-0017	12 VDC Bell Driver
155-0018	24 VDC Bell Driver
155-0027	Bell Monitor Board
155-0028	SGD to SAFE Converter
155-0029	8-Zone Expansion Board
302-7150	Remote Zone Mimic Display
302-7431	NZ EV20 Evacuation Amplifier (Unapproved)