

The ZC8 range of conventional panels features control and indication facilities for 2, 4, or 8 zone systems. Up to a maximum of 32 automatic detectors and/or manual callpoints can be connected to each zone.

Cost effective design, enables the ZC8 to be offered across a wide range of small to medium sized building applications, providing the basic elements of protection to meet British Standard recommendations.

Housed in an attractive flame resistant polycarbonate enclosure, the range of panels is compatible with all ZC conventional detection devices. Zone wiring is fully monitored for open, short circuit and detector removal, with head out continuity. Individual zones are easily disabled, for service and maintenance.

All ZC8 panels are both easy to install and simple to operate. Two separate alarm circuits, with an output of 0.25A each for the two zone and four of 0.5A each for the four and the eight zones are provided, all fully monitored for open and short circuit wiring faults. A common auxiliary supply is included, together with common outputs for both fire and fault.

Included on all panels are, a one man walk test, monitored remote input (class change) and a selectable non latching zone. A lamp and panel buzzer test facility is also included on all panels.

Panels feature an attractively styled fascia, displaying all LED indicators and push buttons for system control. Access to operator level is via a three digit security code, entered via the panel keypad. Further code level access is required for entry into the engineering level.

A matching 8 zone repeat panel can be connected to the 4 and 8 zone main panels via the auxiliary supply and a screened, two wire, serial link.

The ZC8 panel range represents excellent value, where a cost effective range of fire detection facilities is required from a conventional system.

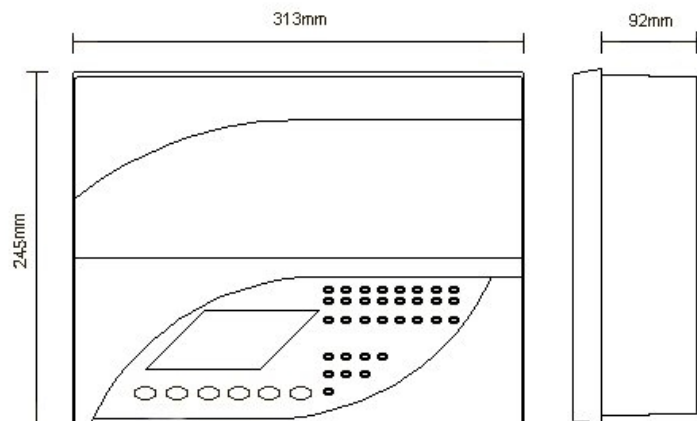


ZC8

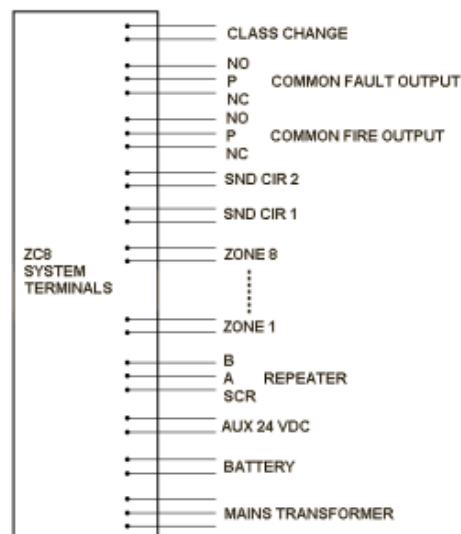
Control Panel

- **Suitable for systems to BS 5839 Pt 1**
- **2, 4, and 8 zone versions**
- **One man test facility**
- **Class change, remote input facility**
- **Non latching zone**
- **Detector removal monitoring**
- **8 zone repeater panel**

Dimensions



Wiring Diagram



Specifications



Model No.	Part No.	Specification	Description
ZC8-2 - 2 zone panel	127001	EN54 Pt2	Fire detection and alarm control panel
ZC8-4 - 4 zone panel	127101	Meets	
ZC8-8 - 8 zone panel	127201	recommendations in	
ZC8-8R - 8 zone repeat panel	127301	systems to BS 5839 Pt1	
Zones	2, 4, 8	Fire (common)	1 Volt free c/o 1 A at 30 Vdc
Trigger devices	32 per zone	Fault (common)	1 Volt free c/o 1 A at 30 Vdc
Sounders	2 separate circuits (2 zone), 4 separate circuits (4 and 8 zone)	Non Latching Zone (selectable on Zone 1)	Allows two ZC8 panels to be inter connected (common fire output to non latching zone). Reset from original panel in alarm only.
Compatibility	All Ziton conventional equipment		Aux contacts not operated from alarm in non latching zone
Mounting	Surface or semi-flush	Repeater panel (ZC8/4 and 8 only)	Single 8 zone repeater via main panel aux supply and serial link (4 core connection)
Operating voltage	230 Vac 50/60Hz +10% -15%	Indicators	Light emitting diodes (LEDs)
Input	24 Vdc	Standby Batteries	2 x 12 volt 2.1Ah sealed lead acid 24Hr standby
Output	All systems wiring 2 core (to local codes and standards)	Temperature Range	-10°C to +60°C
Wiring	Trigger device circuits open and short circuit fault and detector removal via 22uF 35/40 volt end of line capacitor. Sounder circuits open and short circuit fault with 3K9 end of line resistor	Humidity Range	10% to 90% RH (non condensing)
Monitoring		Environmental Construction	IP50
Switched Outputs		Dimensions	Flame resistant polycarbonate backbox and door
Sounder circuits (common)	ZC8/2 2 x 24 Vdc 0.25A ZC8/4 and 8 2 x 24 Vdc 0.50A	Colour	Grey
Auxiliary output (ZC8/4 and 8)	250mA. Total system output (sounder circuits and aux output must not exceed 0.8A at 28 Vdc.	Weight (excl batteries)	2.4 Kg

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