



## ZC9-EXT

Extinguishing control panel

### Developed for small to medium sized installations

The ZC9-EXT extinguishing control panel offers outstanding value and performance for all small to medium sized fixed firefighting installations. Three detection zones as standard enable extinguishing release to be configured from any single or pair of detection zone inputs allowing, amongst other combinations, two zone coincidence activation for applications where room, floor and ceiling void all require protection. The system can also be released manually from a discharge point prominently located on the front of the panel.

### Variable discharge delay

A variable discharge delay period of between zero and 60 seconds can be preprogrammed, to allow evacuation from occupied areas, with a hold off facility enabling the discharge to be held back at any time during the delay period. Extensive configuration options allow system operation to be extensively modified while still complying with the controlling standard for the equipment (EN12094).

### Manual or auto/manual modes

The ZC9-EXT can be operated in either manual or auto/manual mode. When set to the manual mode extinguishant discharge can only be operated manually. In the auto/manual mode, extinguishant release is activated either automatically, by an alarm condition present on the required number of smoke detectors circuits simultaneously (coincidence), or by manual operation. The panel features a large LED display to enable easy system configuration and control.

### Up to seven remote status units

For added user safety, the display also indicates time remaining to discharge during the extinguishant delay period – a feature, which can be, duplicated on up to seven remote system status units. All electronics are contained within a robust enclosure designed for surface mounting.



### Standard Features

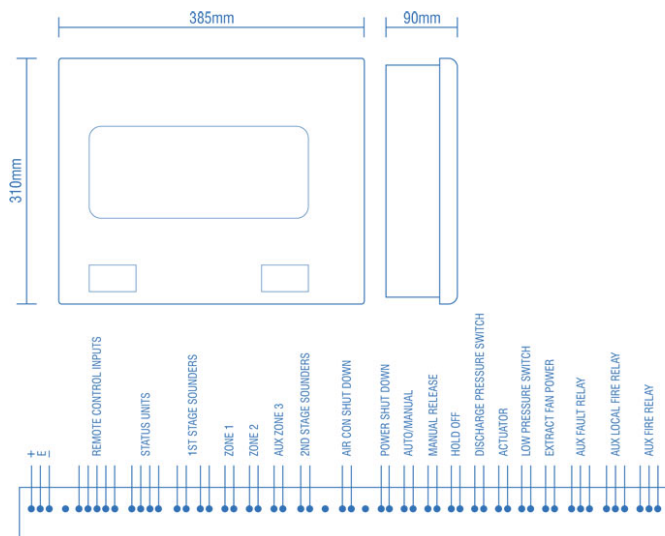
- EN12094 approved
- Any combination from three detection zones for discharge
- Zero time delay on manual release
- One man test facility
- Manual release from panel front
- Discharge hold off facility
- Countdown timer display
- Auto/manual selection on panel

# ZC9-EXT

## Extinguishing control panel

### Specifications

Model number	ZC9-EXT Surface mounted
Description	Extinguishing control panel
Detection zones	3 (max 32 devices/ zone) Non latching zone option
Actuator circuits	1
Sounder circuits	3 -2 first stage fire, 1 second stage discharge - (0.5Amp each)
Operating voltage	230Vac 50/60 Hz +10% -15%
Power supply rating	3 Amps total – including battery charge 28V+/- 2V
Wiring	All system wiring 2 core (to local codes and standards)
Detection circuits monitoring	Open and short circuit fault, detector removal (6K8 Ohm EOL)
Sounder circuits monitoring	Open and short circuit fault (10K Ohm EOL)
Remote inputs	Auto/manual, manual, hold off, extinguishant pressure, extinguishant low, ( each by 6K8 Ohm EOL).
Actuator circuit	IN4004 end of line diode
Switched outputs	Common fire, common fault, local fire, first stage, second stage, extract fan, (all rated 1 Amp at 30Vdc). Discharge actuator, fused at 1 Amp
Standby batteries	2 x 12 Volt 7Ah sealed lead acid
EN60529 rating	IP50
Temperature range	-10°C to +60°C
Humidity range	10% to 90% RH (non condensing)
EMC	CE marked (EEC89/336)
Construction	Sheet steel enclosure with steel back plate
Dimensions	385mm (W) x 310mm (H) x 90mm (D)
Colour	Grey
Weight	5 Kg (excluding batteries)
Publication No	PS3010



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### Ordering Information

Part No.	Description
ZC9-EXT	Extinguishing control panel

As a company of innovation, GE Security reserves the right to change product specifications without notice. For the latest product specifications, visit GE Security online or contact your GE Security sales representative.

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