

Analogue addressable systems are rarely installed in a single phase. On larger sites primary buildings and main risk areas are often upgraded in an initial phase with others refurbished in subsequent stages. The ZP570-2 zonal unit enables existing conventional zones to be interfaced to an analogue system, allowing all areas of the site to be controlled by the ZP analogue panel immediately, until future events or budgets allow full analogue integration.

Any new or existing zone of conventional devices can be connected to the interface, which can be installed anywhere on the ZP analogue loop. Each interface is assigned a unique address and monitors its zone for fire and fault conditions. Zonal status is reported to the ZP control panel, every 2 seconds.

Zones of up to 30 conventional trigger devices can be connected to the interface, with a maximum of 127 interface units installed on each ZP loop.

ZP570-2 is connected directly onto the ZP two wire loop, each interface requires a 24 volt DC power input, either wired from the main panel location, often as a four core cable (two cores loop and two cores 24 volts DC), or provided by local monitored power supply units.

The ZP570-2 monitors its zone wiring for open and short circuit faults. In systems complying with BS 5839 Part1:1988, where the removal of a detector from its base must not effect the operation of devices further down the line, detectors must be installed with Z6-BS5 bases and zone wiring terminated with an active end of line (ZC3-AEOL) monitoring unit.

Installed as part of the ZP3 analogue addressable system, up to 127 line devices (sensors, callpoints or interface units) can be connected to each of the control panel loops. All loop devices incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

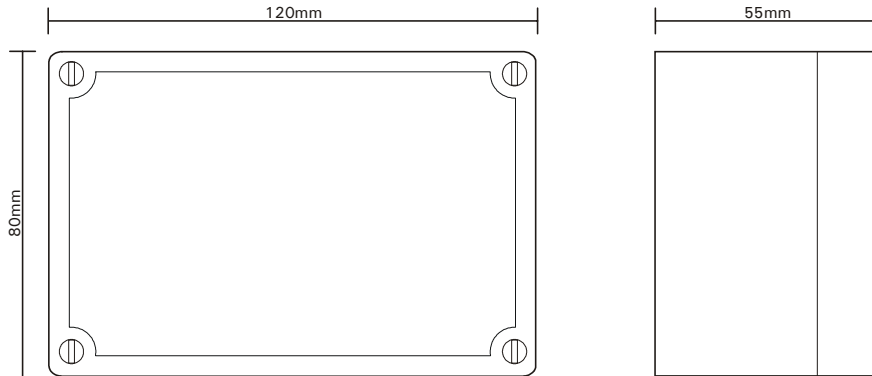


## ZP570-2

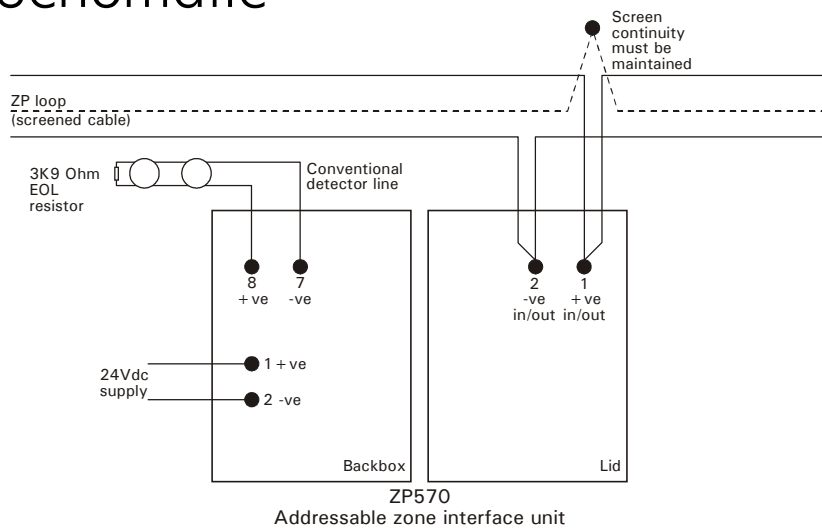
### Addressable Zone Interface Unit

- **Interfaces up to 30 conventional devices to the ZP loop**
- **Addressable - reports status every 2 seconds**
- **Monitors conventional zone wiring**
- **Up to 127 conventional zones interfaced to each ZP loop**

# Dimensions



# Wiring Schematic



# Specifications



Model No.	Part No.	Specification	Description
ZP570-2	314AA	Meets recommendations in systems to B55839 PH:1988 for detector removal	Conventional zone interface

Compatibility	All ZP analogue addressable systems	<b>Environmental:</b>	
Mounting	Surface	Application	Indoor installation
Area coverage	Single conventional zone	EN60529 rating	IP40
Wiring	2 core spur	Temp range	-10°C to +80°C
<b>Monitoring:</b>		Humidity range	20% -95% RH (non condensing)
	Detector spur - open and short circuit fault, with 3K9 ohm end of line resistor	EMC	CE marked (EEC 89/336)
	18 to 30 Vdc	<b>Construction:</b>	
	60 mA	Material	Mould ABS
Operating voltage	100 mA at 24 Vdc	Dimensions	120mm (W) x 80mm (H) x 55mm (D)
Current (quiescent)		Colour	Grey
Current (alarm)		Weight	280g
		<b>Detector compatibility requirements:</b>	
		Operating voltage	24 Vdc (18-30V)
		Alarm clamp voltage	8 Vdc (2-9V)
		Current consumption	160 µA MAX
		Alarm current	30 mA MAX

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