



## Sigma CP

### Sigma CP Conventional Fire Alarm Control Panels

Two, four and eight zone, two-wire or standard, programmable fire control panels conforming to BS EN54-2 & BS EN54-4 for smaller conventional detection systems requiring high performance and quality.



- Fully compliant with & tested to BS EN54-2 and BS EN54-4
- 2-wire and standard versions in 2, 4 or 8 zones
- Compatible for use on BS5839:Part 1: 2002 installations
- 2-wire repeaters and ancillary boards
- Fully programmable using simple menu options
- Simple, single board construction
- Installer friendly
- Compatible with wide range of detection devices
- Two monitored sounder outputs
- Three amp power supply
- Auxiliary power output
- Adjustable sounder delay time
- Sounder configuration options
- Zonal sounder delay detectors only
- Zonal sounder delay call points only
- Coincidence input selection
- I.S Barrier selection by zone
- Short circuit fire by zone
- Non latching zones
- Silent zones
- Zone input delay
- General panel configuration

The Sigma CP range consists of a series of conventional fire alarm control panels designed in accordance with European standards BS EN54-2 and BS EN54-4 Fire Detection and Fire Alarm systems - Control and Indicating Equipment.

The range consists of two, four and eight zone control panels. All control panels are available in two versions:

- **Sigma K11** range in which detectors and call points are wired on separate circuits to sounders (two sounder circuits are provided).
- **Sigma T11** range in which detectors, call points and sounders are wired to the same pair of cables. Commonly referred to as a two-wire system.

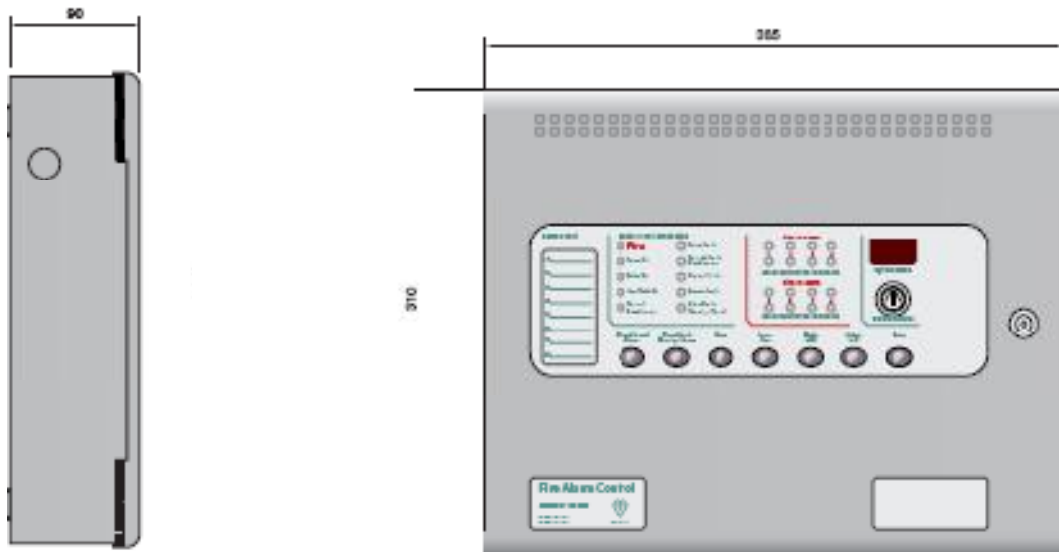
Wiring sounders to the detection circuits eliminates the need to install sounder circuit cables and also offers the ability to provide zoned or two stage sounder operation.

All control panels have an integral, mains powered battery charger and power supply designed in accordance with the requirements of BS EN54-4.

## Specification Sigma CP

### Technical

SIZE	385mm(W) x 310mm(H) x 92mm(D)
CONSTRUCTION:	1.2mm mild steel
COLOUR:	BS 00 A 05 (grey texture) - lid & box Ral 7047 (light grey) - controls plate
SUPPLY VOLTAGE:	230V AC (+10%-15%)
MAINS SUPPLY FUSE:	1.6 Amp 250V
POWER SUPPLY DC RATING:	24v 3 Amps
MAXIMUM BATTERY SIZE:	7Ah 12V (2 per panel)
FAULT CONTACT RATING:	30V DC 1 Amp
LOCAL FIRE CONTACT RATING:	30V DC 1 Amp
FIRE CONTACT RATING:	30V DC 1 Amp
SOUNDER OUTPUT RATING:	0.5A per output (max 1.6A over all outputs)
DETECTION ZONE CURRENT:	1.6 milliamps
DETECTION ZONE	6K8 5%
END OF LINE RESISTOR:	
SOUNDER OUTPUT	10K 5%
END OF LINE RESISTOR:	
CABLE CAPACITY:	2.5mm <sup>2</sup> per terminal
OPERATING TEMPERATURE:	-5°C to +5°C
OPERATING HUMUDITY:	<95% (non condensing)



Order Details	Standby Current	Alarm Current
04-NA-701 2 zone control panel	0.065 Amps	0.1 Amps
04-NA-702 4 zone control panel	0.075 Amps	0.21 Amps
04-NA-703 8 zone control panel	0.093 Amps	0.55 Amps
04-NA-704 2 zone, 2 wire panel	0.065 Amps	0.15 Amps
04-NA-705 2 zone, 2 wire panel	0.075 Amps	0.3 Amps
04-NA-706 8 zone, 2 wire panel	0.093 Amps	0.63 Amps

*For the full range of products and part numbers please contact us*

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