SIGMA A-CP

Conventional Control Panel

Features

- Two, four or eight initiating circuits
- Initiating circuits individually configurable as Fire, Water Flow or Supervisory
- Two 2A notification appliance circuits
- Selectable NAC sync protocols
- 6.5A power supply
- Alarm verification selectable by zone
- Resettable aux power output rated at 0.3A
- Aux power configurable to power off on Fire condition
- Fire, trouble and supervisory relays
- Single person walk test function
- Optional DACT
- Advanced configuration options
- 72 hour standby with 7Ah batteries
- Compact enclosure
- UL864 listed

Description

The Sigma A-CP is a range of conventional fire control panels with an optional built-in communicator.

With two, four or eight initiating circuits all panels can be extensively configured via a somple front panel operated programming method.

The low standby power requirements and cost effective small batteries allow the panel to be mounted in a discrete enclosure which is available in red or grey.

A simple programming method using just 3 front panel buttons allows an extensive list of configuration options to be set and reviewed.

Single board construction enables easy removal of all electronic parts by removing just two screws, and ample provision of cable entry knockouts simplify installation.

4 Amp notification appliance power and built-in selectable sync protocols provide ample power and control for a wide range of standard notification applianaces.
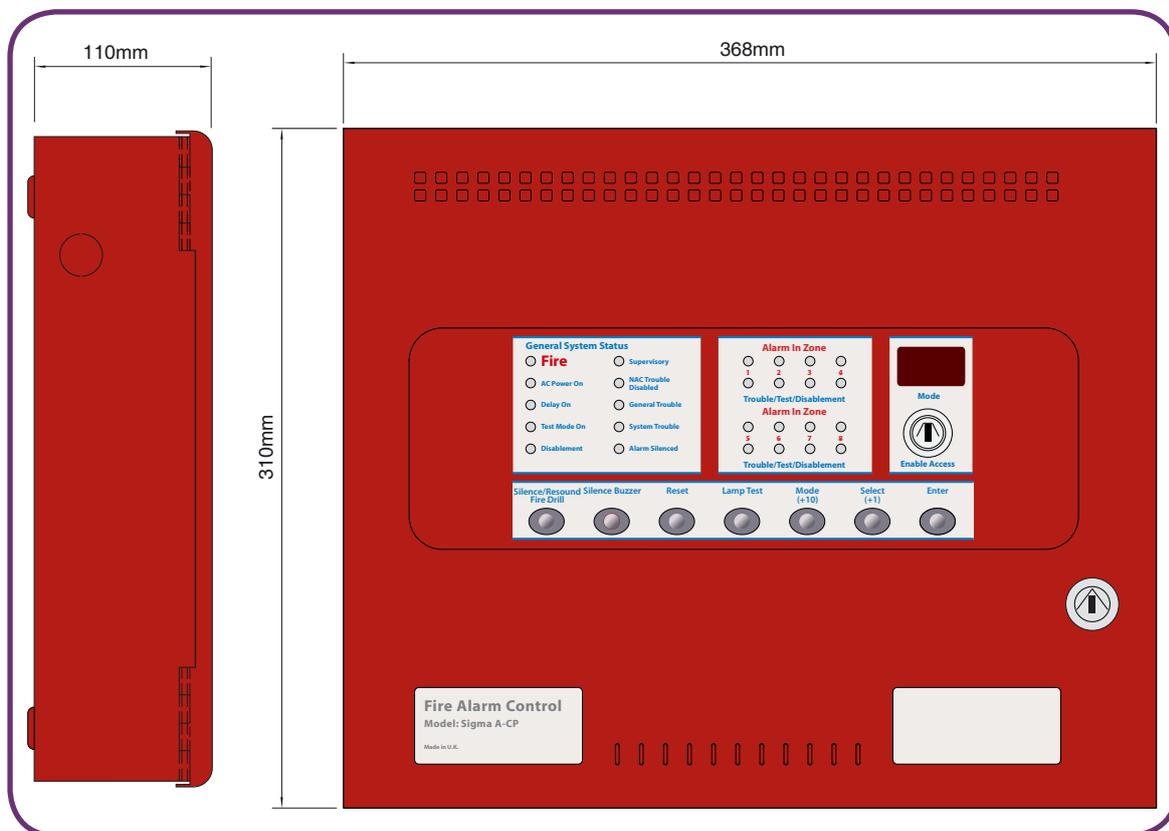
The built-in RS485 communications bus provides the facility to connect 4 wire annunciators or ancillary relay boards to provide further indication and control options throughout a premises.

The optional DACT allows dual line reporting to central stations and provides a 500-event history buffer.

Panels

Product code	Zones	Dialer	Colour	Size (mm)
KI842-11	2	No	Red	368 x 310 x 110
K1842-41	2	No	Grey	368 x 310 x 110
K1852-11	2	Yes	Red	368 x 310 x 110
K1852-41	2	Yes	Grey	368 x 310 x 110
K1844-11	4	No	Red	368 x 310 x 110
K1844-41	4	No	Grey	368 x 310 x 110
K1854-11	4	Yes	Red	368 x 310 x 110
K1854-41	4	Yes	Grey	368 x 310 x 110
K1848-11	8	No	Red	368 x 310 x 110
K1848-41	8	No	Grey	368 x 310 x 110
K1858-11	8	Yes	Red	368 x 310 x 110
K1858-41	8	Yes	Grey	368 x 310 x 110

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Specification

Construction	1.2mm mild sheet steel
IP rating	IP30
Colour - lid & box	Red RAL 3002 (optional grey BS 00 A 05 semi-matt)
Supply voltage	115V AC or 230V AC
Mains supply fuse	3 Amp 250V 20mm SB
Power supply DC rating	24V 6.5 Amps
Maximum battery size	12Ah 12V (2 per panel)
Trouble contact rating	30V DC 1 Amp
Supervisory contact rating	30V DC 1 Amp
Fire contact rating	30V DC1 Amp
NAC rating	2A per circuit 4A Total
Detection zone current	1.6 milliamps
Detection zone EOL resitor	6k8 5%
NAC ROL resistor	10k 5%
Cable capacity	12 AWG
Operating temperature	-5c to 50c
Operating humidity	<95% (non condensing)

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