



Features

- UL864 approved
- 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
- Two 2.0A notification appliance circuits
- 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
- Many advanced configuration options
- 72 hour standby with 7Ah batteries
- Compact enclosure
- Fire Drill capability

Product Overview

- The Sigma A-CP range of conventional fire control panels with optional built in communicator are available with 2, 4 or 8 initiating circuits which may be extensively configured via a simple front panel operated programming method.
- The low standby power requirements and cost effective small batteries allow the panel to be mounted in a small discrete enclosure which is available in standard red or optionally in an attractive grey colour.
- 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 which allows easy removal of all electronic parts by removing just 2 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 appliances.
- 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.

NOT
SUITABLE
FOR EU
MARKETS

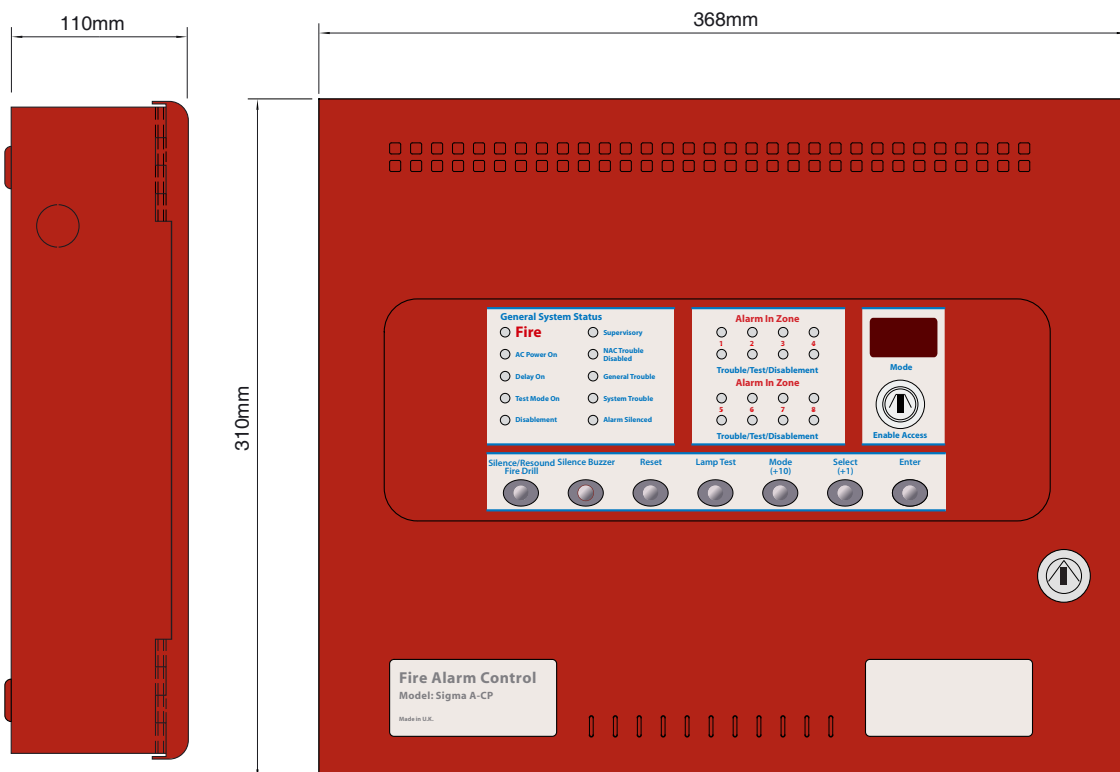


Technical

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Finish	- Epoxy powder coated
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 DC 1 Amp
NAC rating	- 2A per circuit 4A Total
Detection zone current	- 1.6 milliamps
Detection zone EOL resistor	- 6k8 5%
NAC EOL resistor	- 10k 5%
Cable capacity	- 12 AWG
Operating temperature	- -5°C to 50°C
Operating humidity	- <95% (non condensing)

Panels

Product Code	Zones	Dialer	Colour	Size (mm)
K1842-11	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



UL/FM Approved Panels