



## 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**

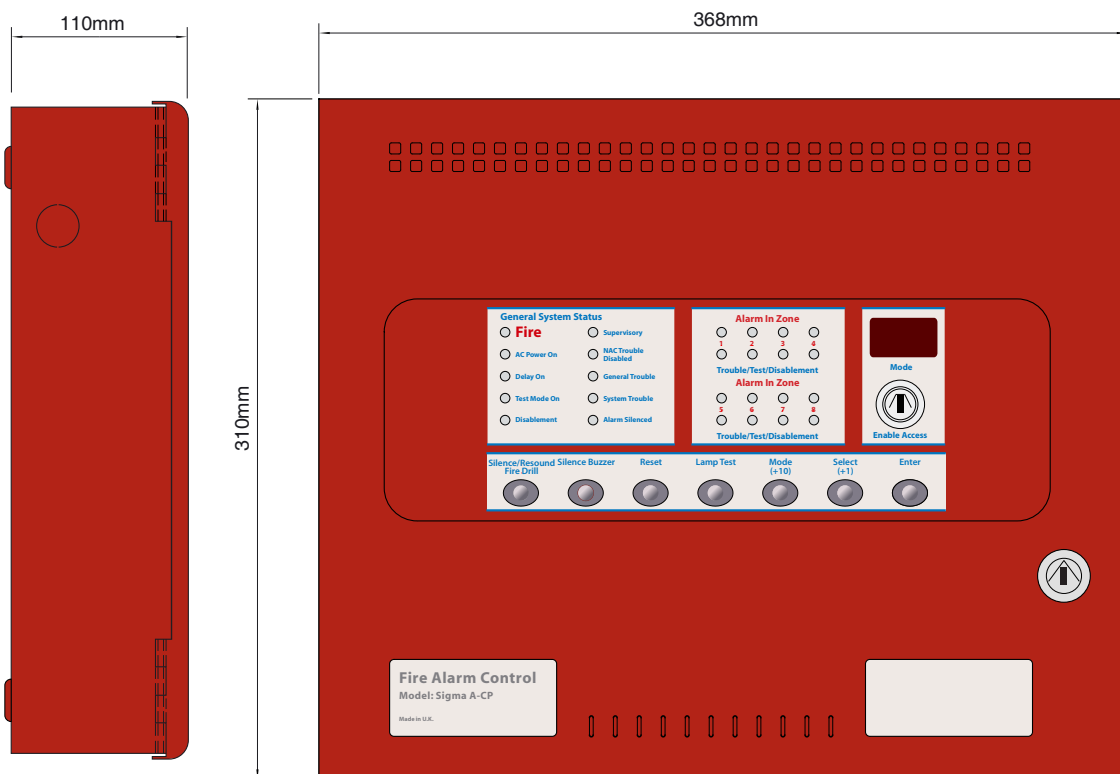


# Technical

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