Sigma A-CP

Conventional Control Panel

NOT SUITABLE FOR EU MARKETS

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.

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

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

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)