UL

Sigma A-CP | Conventional Control Panel

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.
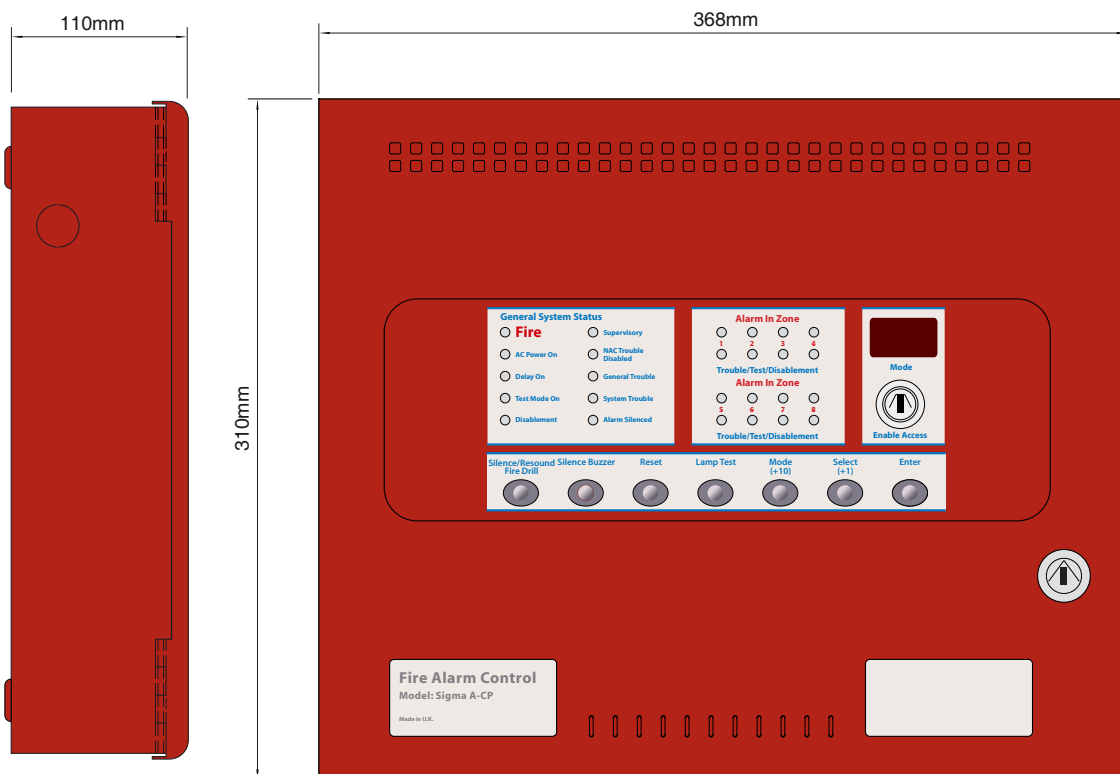
NOT SUITABLE FOR EU MARKETS

Model No. K1848-11

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

110mm

368mm

310mm

General System Status

○ **Fire**   ○ Supervisory

○ AC Power On   ○ NAC Trouble Disabled

○ Delay On   ○ General Trouble

○ Test Mode On   ○ System Trouble

○ Disablement   ○ Alarm Silenced

Alarm In Zone

○ 1 ○ 2 ○ 3 ○ 4

Trouble/Test/Disablement

Alarm In Zone

○ 5 ○ 6 ○ 7 ○ 8

Trouble/Test/Disablement

Mode

Enable Access

Silence/Resound Silence Buzzer Fire Drill | Reset | Lamp Test | Mode (+10) | Select (+1) | Enter

Fire Alarm Control
Model: Sigma A-CP
Made in U.K.