

FIRECHECK SIGMA



The Firecheck Sigma conventional fire alarm control panel replaces the smaller panels of the K3000 range.

It is suited to smaller systems requiring high performance and quality and has a newly designed, more stylish and easier to install enclosure. It is available with 2, 4 or 8 zones and conforms to the relevant European Standards.

PANEL FEATURES

- Tested and certified to EN54-2 and EN54-4
- Easy to use with traditional key switch operation
- 2, 4 and 8 zone panels available
- Compatible with BS5839: Part 1: 2002 installations
- 2-Wire repeaters and auxiliary modules (see over)
- Fully programmable (see below)
- Plug in power connector
- Easy to install. "quick fit" chassis uses just 2 screws
- Modernized enclosure
- Lockable cabinet
- Simple, single board construction
- Compatible with most detection devices
- Two monitored sounder outputs
- 3 Amp power supply
- Auxiliary power output

MENU OPTIONS

- Adjustable sounder delay time
- Sounder configuration options
- Zonal sounder delay detectors only
- Zonal sounder delay call points only
- Coincidence input selection
- I.S. Barrier selection by zone
- Short circuit fire by zone
- Non-latching zones
- Silent zones
- Zone input delay
- General panel configuration

SIGMA CP SPECIFICATIONS

Size WxHxD	385mm x 310mm x 90mm
Construction	1.2mm mild steel
Colour	Lid and box: mid grey Controls plate: light grey
Supply voltage	230V AC (+10%/-15%)
Mains supply fuse	1.6 Amp 250V
Power supply DC rating	24V 3 Amps
Battery size	7Ah 12V Maximum (2 per panel)
Fault contact rating	30V DC 1 Amp
Local fire contact rating	30V DC 1 Amp
Fire contact rating	30V DC 1 Amp
Sounder output rating	0.5A per output (max 1.6A over all outputs)
No. of sounder outputs	2
Detection zone current	1.6 milliamps
Detection zone end of line resistor	6K8 5%
Sounder output end of line resistor	10K 5%
Cable capacity	2.5mm ² per terminal
Operating temperature	-5°C to +50°C
Operating humidity	<95% (non condensing)

REPEATER PANEL

- New enclosure design with 24V super slim option
- 2-Wire serial connection
- Up to 7 panels per system
- 8 zones standard (2 & 4 available)
- 4 core connection includes power and data
- 230V AC version available
- Full control over main panel
- Volt free fire and fault contact outputs

AUXILIARY MODULE

- 2-Wire serial connection
- Up to 7 boards per system
- 4 core connection includes power and data
- 230V AC version available
- Zonal fire contacts
- Open collector zonal fault outputs
- Volt free fire, coincidence and common fault contact outputs

SPECIFICATIONS	REPEATER PANEL	AUXILIARY MODULE
Size WxHxD (mm)	385x310x60	PCB: 165x100 Boxed PCB: 365x290x88
Construction	1.2mm mild steel	Boxed: 1.2mm mild steel
Colour	Lid and Box: Mid grey Controls plate: light grey	2 tone grey
Supply voltage	Mains: 230V AC (+10%/-15%) DC rating: 20-30V DC	Mains: 230V AC (+10%/-15%) DC rating: 20-30V DC
Mains supply fuse	1.6A 250V	1.6A 250V
Power supply DC	24V 1 Amp	24V 0.75 Amps
Max battery size	7Ah 12V (2 per panel)	2.1Ah 24V (2 per panel)
Contact ratings	30V DC 1 Amp	30V DC 1 Amp
Open collector output	-	35mA
Cable capacity	2.5mm ² per terminal	2.5mm ² per terminal
Operating temp.	-5°C to +50°C	-5°C to +50°C
Operating humidity	<95% (non-condensing)	<95% (non-condensing)

ORDER CODES

K11020	Firecheck Sigma panel, 2-zone, Batteries and LCMU sold separately
K11040	Firecheck Sigma panel, 4-zone, Batteries and LCMU sold separately
K11080	Firecheck Sigma panel, 8-zone, Batteries and LCMU sold separately
K11LCMU	Firecheck Sigma LCMU line continuity module
K1108OR	Firecheck Sigma Repeater panel 8-zone, 24V dc
K11MOD	Firecheck Sigma Auxiliary Module

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