



BS-EN54-2
BS-EN54-4
KM 73505



Conventional Fire Alarm Control Panels

Features

- Fully certified to BS EN54-2 and BS EN54-4
- 2-wire and standard versions in 2, 4 or 8 zones
- Compatible for use on BS5839: Part 1: 2002 installations
- 2-wire repeaters and ancillary boards
- Fully programmable using simple 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
- Simple, single board construction
- Installer friendly
- Compatible with wide range of detection devices
- Two monitored sounder outputs
- 3 Amp power supply
- Auxiliary power output



Part No. K580



Part No. K461

Product Overview

- The Sigma CP range consists of a series of conventional fire alarm control panels designed in accordance with European standards BS EN54-2 and BS EN54-4 Fire Detection and Fire Alarm systems - Control and Indicating Equipment.
- The range consists of 2, 4 and 8 zone control panels. All control panels are available in two versions:
 - **Sigma K11** range in which detectors and call points are wired on separate circuits to sounders (two sounder circuits are provided).
 - **Sigma T11** range in which detectors, call points and sounders are wired to the same pair of cables. Commonly referred to as a two-wire system.
- Wiring sounders to the detection circuits eliminates the need to install sounder circuit cables and also offers the ability to provide zoned or two stage sounder operation. (T series only)
- All control panels have an integral, mains powered battery charger and power supply designed in accordance with the requirements of BS EN54-4.

Note: For 2-wire T series panels, compatible detectors and call points must be used. All sounders must be polarised.

Note: Also available is the Sigma Ancillary Board (K580) which is compatible with all Sigma CP and CP-R panels which have operating software version V2.0 or above. See DS39 (pages 52-53) for more details.

Note: Also available is the Sigma Sounder Board (K461) which is compatible with all Sigma CP and CP-R panels which have operating software version V3.0 or above. See DS48 (page 54) for more details.



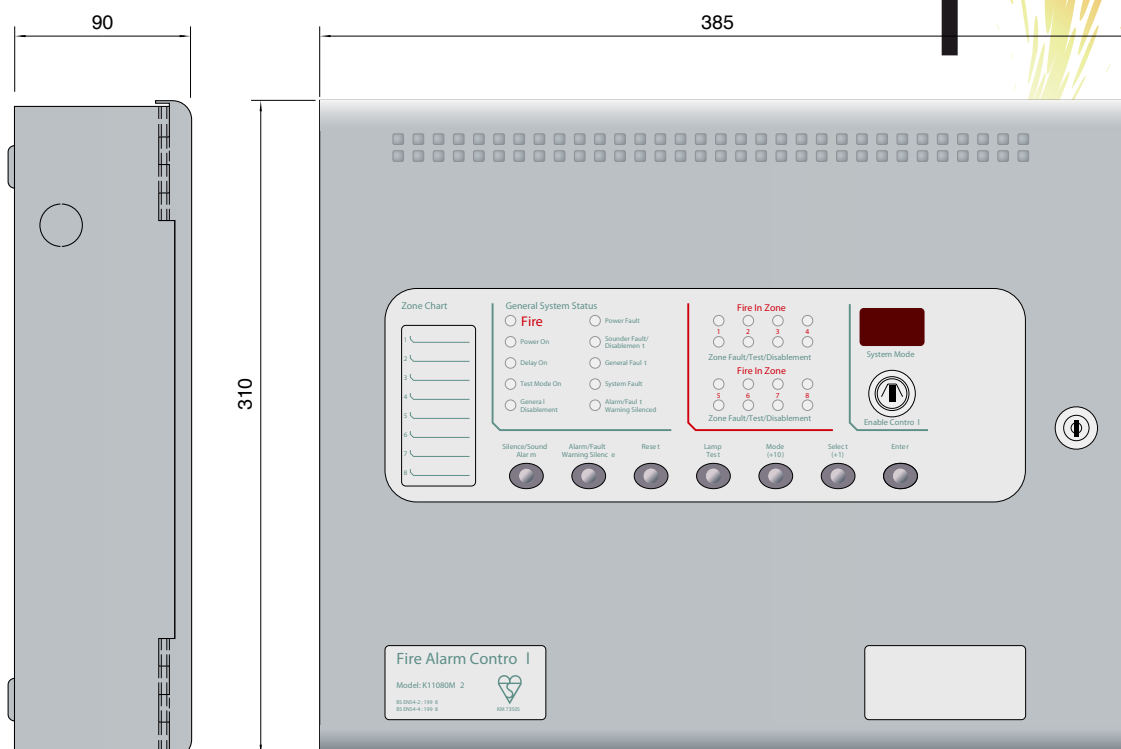
Model No. K11080M2

Panels

Product Code	Description	Standby Current	Alarm Current	Size
K11020M2	2 zone control panel	0.065 Amps	0.1 Amps	385 x 310 x 90
K11040M2	4 zone control panel	0.075 Amps	0.21 Amps	385 x 310 x 90
K11080M2	8 zone control panel	0.093 Amps	0.55 Amps	385 x 310 x 90
T11020M2	2 zone, 2 wire panel	0.065 Amps	0.15 Amps	385 x 310 x 90
T11040M2	4 zone, 2 wire panel	0.075 Amps	0.3 Amps	385 x 310 x 90
T11080M2	8 zone, 2 wire panel	0.093 Amps	0.63 Amps	385 x 310 x 90
K18002	Tamper resistant Vision Window *	N/A	N/A	385 x 310 x 90

* Vision Window can be easily retrofitted to any Sigma CP panel

Specification



Technical

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Finish	- Epoxy powder coated
Colour - lid & box	- BS 00 A 05 grey - fine texture
Colour - controls plate & labels	- RAL 7047 light grey - satin
Supply voltage	- 230V AC (+10%/-15%)
Mains supply fuse	- 1.6 Amp 250V
Power supply DC rating	- 24V 3 Amps
Maximum battery size	- 7Ah 12V (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)
Detection zone current	- 1.6 milliamps
Detection zone EOL resistor	- 6k8 5%
Active EOL	- K14606K (optional)
Sounder output EOL resistor	- 10k 5%
Cable capacity	- 2.5mm ² per terminal
Operating temperature	- -5°C to +50°C
Operating humidity	- <95% (non condensing)