



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

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

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 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 for more details.



Part No. K580



Part No. K461

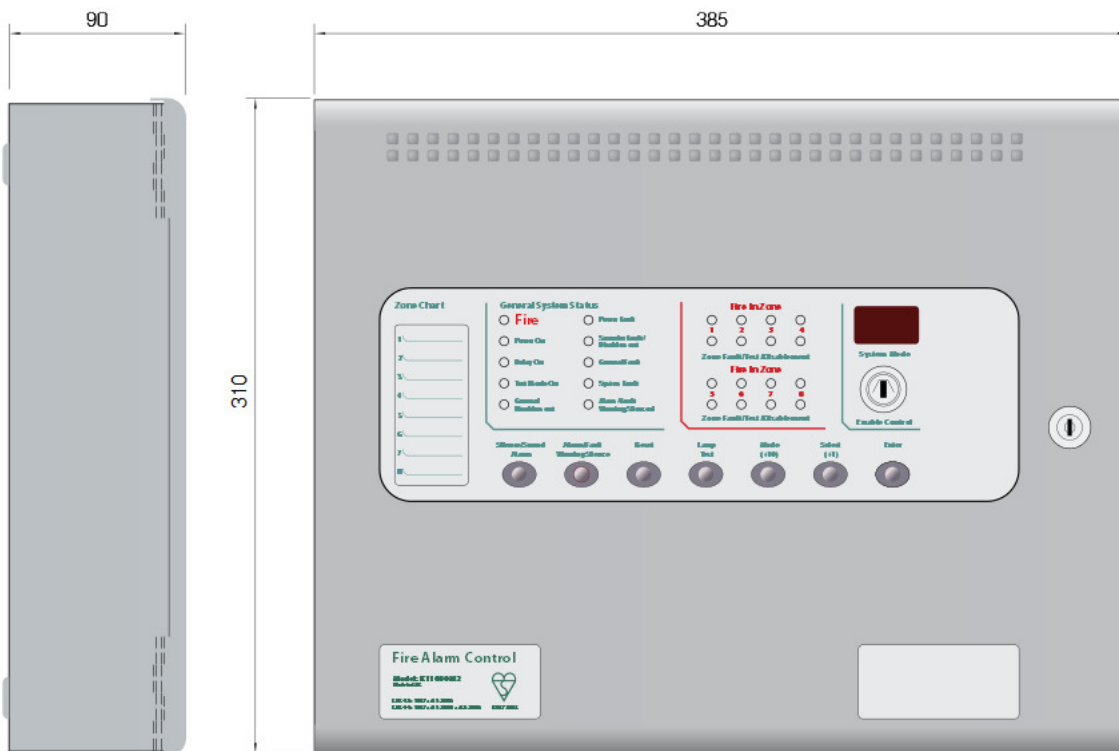


Model No. K11080M2

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



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
Weight	- 6kg
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 +40°C
Operating humidity	- <95% (non condensing)