



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

# SIGMA CP-R

## Conventional Fire Alarm Control Panel Repeater & Ancillary PCB

### Features

- ▶ Sigma CP-R
  - ▶ Two wire serial connection
  - ▶ Up to 7 panels per system
  - ▶ 230V AC or 24V DC powered versions
  - ▶ Full control over main panel
  - ▶ Volt free fire and fault contact outputs
- ▶ Ancillary PCB
  - ▶ Two wire serial connection
  - ▶ Up to 7 boards per system
  - ▶ 230V AC or 24V DC powered versions
  - ▶ Open collector zonal fault outputs
  - ▶ Volt free fire, coincidence and common fault contact outputs



### Description

The Sigma CP-R Repeater is compatible with all Sigma CP control panels which have operating software version V2.0 or above.

Repeaters are available with 2, 4 or 8 zones and in mains powered (K versions) or 24V powered (E versions).

Mains powered repeaters require only a two core data cable from the main control panel. 24V DC versions require an additional two cores for power either from the main panel or from another 24V DC source.

A mixture of Repeaters, Ancillary boards or Sounder Boards up to a maximum of 7 of each type can be connected to a control panel and each is allocated an address from 1 to 7 using a binary coded DIL switch. The total length of the data cable from the main panel to the last repeater must not exceed 1200 metres.

### Panels

Product Code	Description	LCMU Included	Standby Current	Alarm Current	Size (mm)
E01020L2	2 zone Sigma CP-R repeater panel	24V DC	0.075 Amps	0.094 Amps	385 x 310 x 60
E01040L2	4 zone Sigma CP-R repeater panel	24V DC	0.075 Amps	0.098 Amps	385 x 310 x 60
E01080L2	8 zone Sigma CP-R repeater panel	24V DC	0.075 Amps	0.11 Amps	385 x 310 x 60
K01020M2	2 zone Sigma CP-R repeater panel with PSU	24V DC	0.075 Amps	0.094 Amps	385 x 310 x 60
K01040M2	4 zone Sigma CP-R repeater panel with PSU	24V DC	0.075 Amps	0.098 Amps	385 x 310 x 60
K01080M2	8 zone Sigma CP-R repeater panel with PSU	24V DC	0.075 Amps	0.11 Amps	385 x 310 x 60
K580	Stand alone ancillary board	24V DC	0.020 Amps	0.20 Amps	385 x 310 x 60
K02000M2	Boxed ancillary board	24V DC	0.020 Amps	0.20 Amps	385 x 310 x 60
K02750M2	Boxed ancillary board with 0.75A PSU	230V AC	0.020 Amps	0.20 Amps	385 x 310 x 60
K18002	Tamper resistant Vision Window *	N/A	N/A	N/A	N/A

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.

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

