



Illumino Ignis Ltd™

LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

SIGMA CP-R Conventional Fire Alarm Control Panel Repeater

Conventional – Panel

Part No. E01020L2 | E01040L2 | E01080L2 | K01020M2 | K01040M2 | K01080M2 www.illuminoignis.co.uk

Product Details

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.



Key Features

- 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

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

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



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Technical Specifications

Construction	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colour - control panel & labels	RAL 7047 light grey - satin
Weight	6kg
Supply Voltage (K models)	230V AC (+10%/-15%)
Supply Voltage (E models)	20-30V AC
Mains Supply Fuse	1.6A 250V
Power Supply DC rating	24V 1 Amp
Maximum battery size	7aH 12V (2 per panel)
Fault contact rating	30V DC 1 Amp
Fire contact rating	30V DC 1 Amp
Cable capacity	2.5mm ² per terminal
Operating temperature	-5°C to +40°C
Operating humidity	<95% (non condensing)