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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

SIGMA CP
Conventional Fire Alarm Control Panel

Panel

Part No. KL11020M2 | KL11040M2 | KL11080M2 | T11020M2 | T11040M2 | T11080M2

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Product Details

The Sigma CP range of conventional fire control panels are designed for the most demanding of conventional fire detection and alarm system applications.

Easy to install, the Sigma CP is available with two, four or eight detection zones in standard or installation saving, 'two wire' versions. The extensive range of configuration features available ensure suitability for new installations or panel replacements on older systems.

Configuration options are stored in non-volatile memory and are easily accessed via an intuitive user interface, which enables the configuration data to be viewed and changed efficiently.

Sigma CP control panels are compatible with most standard, conventional detectors, call points and sounders and are also compatible with 'two wire' detector bases from Apollo and Hochiki.



Key Features

- Two-wire and standard versions in two, four or eight
- zones
- Compatible for use on BS5839: Part 1: 2017
- installations
- Two-wire repeaters and ancillary boards
- Simple, single board construction
- Compatible with wide range of detection devices
- Two monitored sounder outputs
- Three Amp power supply
- Auxiliary power output
- Fully certified to BS EN54-2 and BS EN54-4
- 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

Panels

Product Code	Description	LCMU Included	Standby Current	Alarm Current	Size (mm)
KL11020M2	2 zone, 4 wire panel	Yes	0.065 Amps	0.1 Amps	385 x 310 x 90
KL11040M2	4 zone, 4 wire panel	Yes	0.075 Amps	0.21 Amps	385 x 310 x 90
KL11080M2	8 zone, 4 wire panel	Yes	0.093 Amps	0.55 Amps	385 x 310 x 90
T11020M2	2 zone, 2 wire panel	N/A	0.065 Amps	0.15 Amps	385 x 310 x 90
T11040M2	8 zone, 2 wire panel	N/A	0.075 Amps	0.3 Amps	385 x 310 x 90
T11080M2	8 zone, 2 wire panel	N/A	0.093 Amps	0.63 Amps	385 x 310 x 90

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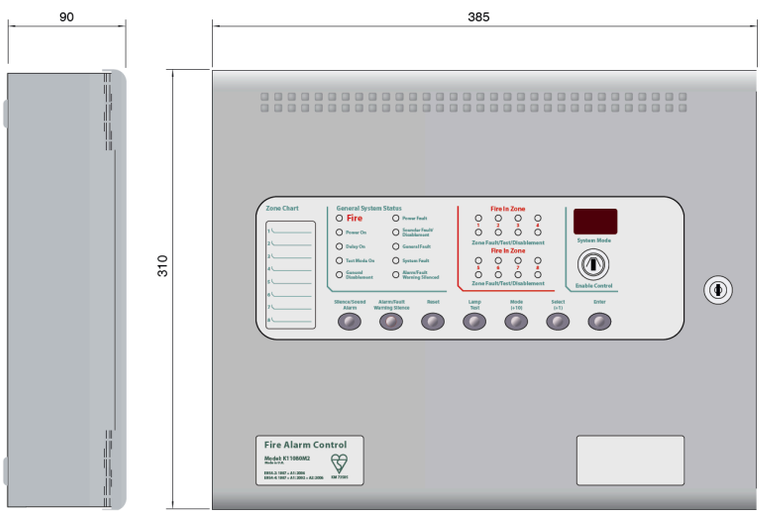
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Technical Specifications

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	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 contract rating	30V DC 1 Amp
Local fire contract rating	30V DC 1 Amp
Fire contract 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	2.5mm² per terminal
Operating temperature	-5°C to +40°C
Operating humidity	<95% (non condensing)

Dimension



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