

Sigma Conventional Panel



AFP : 2516



Product Overview

The Sigma CP range consists of a series of conventional fire alarm control panels designed to comply with AS7240-2, AS7240-4 Fire Detection and Fire Alarm Systems - Control and Indicating Equipment

The range consists of 2, 4 and 8 zone control panels.

All control panels have an integral, mains powered battery charger and power supply.



Relay Board (SIGMA-K580)

- Provides 8 zone voltage free normally open relays for door trip, plant trip, warning devices etc.
- 2 system relay for fire & fault

Standard Features

- Fully certified to AS 7420.2 and AS7240.4
- 2-wire and standard versions in 2, 4 or 8 zones (Detectors and sounders on same cable)
- 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
- IS 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

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 - controls plate & labels	RAL 7047 light grey - satin
• Supply voltage	230V AC (+10%/-15%)
• Mains supply fuse	1.6 Amp 250V
• Power supply DC	240V AC - 24V DC
• M3,M3D,M4	3 Amp, 5 Amp, 5 Amp
• 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)
• Detector Compatibility	Hochiki

Build Your Own SIGMA Panel

SIGMA-Cabinet Size + Zones + Options = SIGMA panel (see below example)

SIGMA-M32B1 which is an M3 cabinet, 4 zone panel with AIM and 20W OWS and Controls.

Cabinet Size
<p>M2 Includes: - 3Amp P/S</p>

Zones
<p>(1) 2 Zone (2) 4 Zone (3) 8 Zone</p>

Options
<p>(S) Standard (T) Tamper door and MCP</p>



Cabinet Size
<p>M3 Includes: - Tamper door - MCP - 3Amp P/S</p>

Zones
<p>(1) 2 Zone (2) 4 Zone (3) 8 Zone</p>

Options
<p>(A) Blank (B) AIM (C) ASE Romtec (D) ASE Tyco (E) ASE Romtec and AIM</p>

Options - with ABC only
<p>(0) Nil (1) 20W OWS & Controls</p>



Cabinet Size
<p>D3 Includes: - Tamper door - MCP - 5Amp P/S</p>

Zones
<p>(1) 2 Zone (2) 4 Zone (3) 8 Zone</p>

Options
<p>(A) Blank (B) AIM (C) ASE Romtec (D) ASE Tyco (E) ASE Romtec and AIM</p>

Options - with ABC only
<p>(0) Nil (1) 20W OWS & Controls (2) 40W OWS & Controls (3) 60W OWS & Controls</p>



Cabinet Size
<p>D4 Includes: - Tamper door - MCP - 5Amp P/S</p>

Zones
<p>(1) 2 Zone (2) 4 Zone (3) 8 Zone</p>

Options
<p>(A) Blank (B) AIM (C) ASE Romtec (D) ASE Tyco (E) ASE Romtec and AIM (F) ASE Tyco and AIM</p>

Options
<p>(0) Nil (1) 20W OWS & Controls (2) 40W OWS & Controls (3) 60W OWS & Controls</p>



Customised SIGMA Panel Options available on request :

* Fan Controls * ANC Controls * Relay Cards * Other Cabinets Sizes