

## Sigma CP feature list

Feature	Details
Number of zones	Two, four or eight
Indicators	High brightness LEDs
Display	Seven segment LED
Aux. 24V supply	500mA
Standard remote control inputs	Sound alarm, Silence alarm, Reset, Fault
Current available from PSU	3A
Sounder outputs	2 fused at 500mA
Serial port	RS485
BS5839-1 compliant	Yes
EN54-2 and EN54-4 compliant	Yes
Lockable enclosure	Yes
Multiple language support	Yes
Repeaters	Serial only, up to 7
Ancillary relay board	Zonal fire, fault and coincidence relay contacts
8 way sounder board	Zonal, two-stage or common alarm
3 year warranty	Yes
Single board construction	Yes
Easily removable equipment chassis	Yes
Language variations	Contact supplier for full list
Programmable Functions	Details
Adjustable sounder delay time	30 Seconds to 9 minutes
Sounder configuration options	Common, zonal or 2-stage alarm
Zonal sounder delay detectors only	30 Seconds to 9 minutes
Zonal sounder delay call points only	30 Seconds to 9 minutes
Coincidence input selection	Any zone can contribute
I.S Barrier selection by zone	MTL5061 galvanic isolators
Short circuit fire by zone	For compatibility with legacy systems
Non latching zones	Zone auto resets when input trigger removed
Silent zones	No sounders upon activation of selected zone
Zone input delay	30 seconds, selectable for each zone
General panel configuration	Disable fire output, general fault output, earth fault monitor, fire buzzer, pulsing Aux 24V output, resettable Aux 24V output.

## Sigma CP technical specifications chart

Item	Electrical Rating	Comment
Mains supply	230V AC 50Hz +10% - 15%	Standard European mains connection
Mains supply fuse	1.6 Amp (F1.6A L250V)	Replace only with similar type
Power supply rating	3 Amps total incl. battery charge 28V +/- 2V	
Maximum ripple current	200 millivolts	
Maximum battery size (M2 enclosure)	Two 12V 7Ah sealed lead acid	
Battery charge voltage	27.6V DC nominal (temp. compensated)	
Battery charge current	0.7A maximum	Modulated DC
Battery fuse	20mm, 3.15A glass	Replace only with similar type
Current draw in mains fail (2 zone)	65 milliamps	
Current draw in mains fail (4 zone)	75 milliamps	
Current draw in mains fail (8 zone)	93 milliamps	
Current draw in alarm cond. (2 zone)	100 milliamps	Excluding sounders
Current draw in alarm cond. (4 zone)	210 milliamps	Excluding sounders
Current draw in alarm cond. (8 zone)	550 milliamps	Excluding sounders
Maximum current draw from batteries	3 Amps	With main power source disconnected
Zone indicators	2, 4 or 8	Red LEDs via light guide
Aux 24V output	Fused at 500 milliamps with electronic fuse	200 mA max. continuous load
Sounder outputs	Two at 21 to 28V DC fused at 0.5A with electronic fuse	Voltage reversing
Sounder end of line device	10K 5% 0.25W resistor	Supplied in terminals
Zone end of line devices	6K8 5% 0.5W resistor	Supplied in terminals
Fault relay contact rating	5 to 30 V DC 1A maximum	Volt free changeover
Fire relay contact rating	5 to 30 V DC 1A maximum	Volt free changeover
Alarm relay contact rating	5 to 30 V DC 1A maximum	Volt free changeover
Remote control inputs types	Fault, Reset, , Silence alarm, Sound alarm	Contact inputs
Remote control input rating	Switched 0V via 50 ohms maximum resistance	
Languages	All western and Cyrillic characters	Contact supplier for full, up to date list
Terminal capacity	2.5mm <sup>2</sup> solid or stranded cable	
Cabling	FP200 or equivalent	
Operating temperature range	-5 to 45 degrees Celsius	
Construction	Powder coated 1.2 millimetre mild steel	
Size (M2 enclosure)	385 X 310 X 90 millimetres	Standard size
Finish (Lid and box)	BS 00 A 05 mid grey fine texture	
Finish (controls plate and labels)	RAL 7047 light grey	
Cabinet lock	Common key	801 key
Enable controls keyswitch	Common key	901 key

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