



Product Brochure

SCP500/800

SCP500/800: The preferred Smoke Control Panel



16 Panel
Network



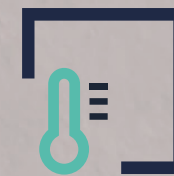
Open
Protocol



MODBUS
Technology



3-Wire
Call Point



Daily
Ventilation



Lockout
Capability



SCP500/800

Single-zone smoke control unit. Can be linked to a fire alarm or smoke sensor for automatic opening of an AOV smoke vent(s). Manually triggered using manual call points. Facility to link several control units together to form a multi-zone system.



Certification

Certified and tested in accordance to EN 12101-10
Tested in accordance to prEN 12101-9

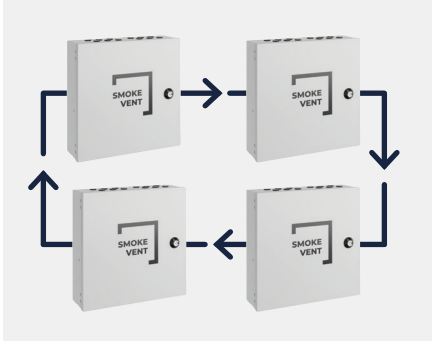


Motor Output	24V DC
Motor Lines	1
Motor Load	5 Amp / 8 Amp



Easy to Configure

System parameters are simple to configure via dip switches - making it easy to program the system logic as per the desired cause and effect.



Bus Technology

Using MODBUS technology, multiple SCP control units can be networked to form larger multi-zone systems. Making it the ideal choice for larger buildings with smoke ventilation shafts and communal smoke corridors.

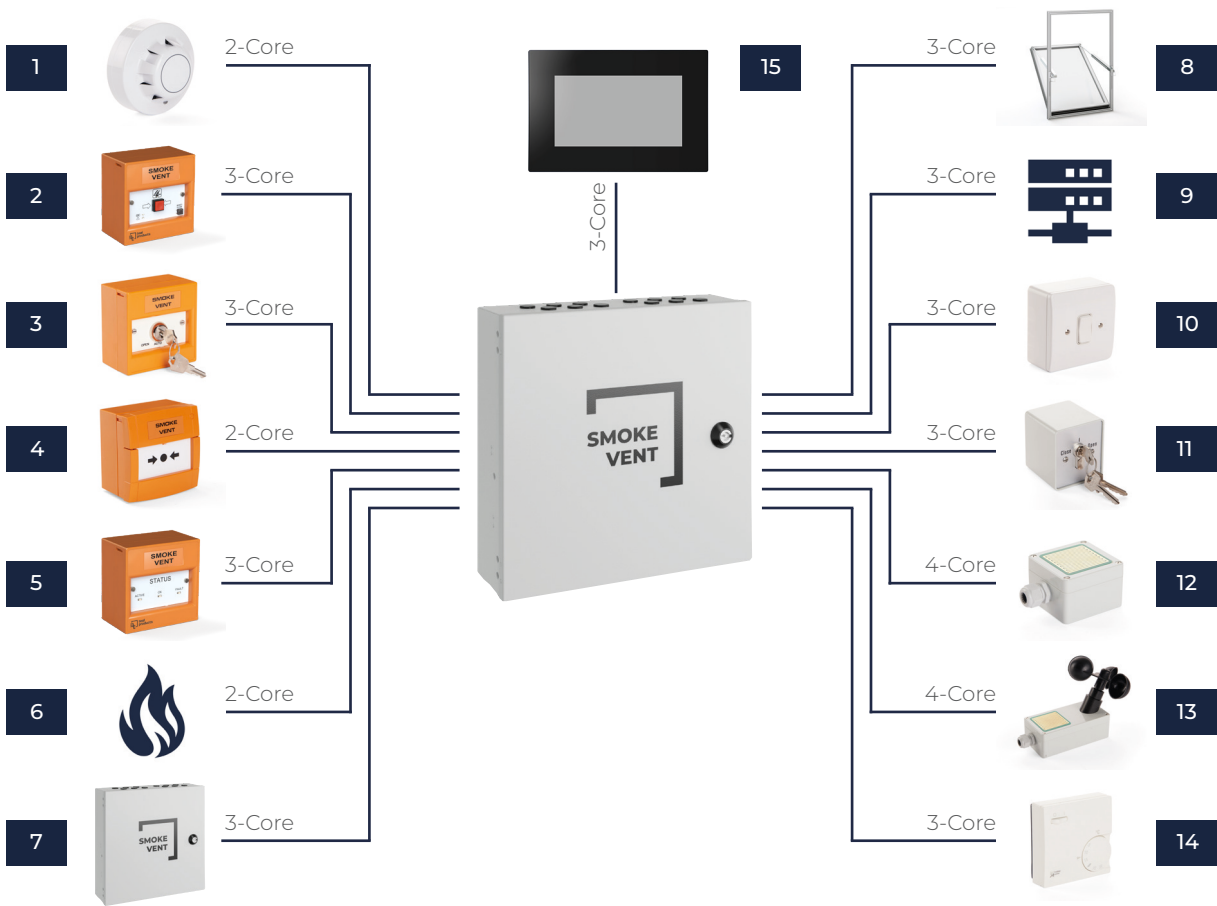
Part Codes

SCP-500	SCP500 Control Unit 24V 5 Amp
SCP-800	SCP800 Control Unit 24V 8 Amp

Technical Data

Primary Voltage (Input)	230V AC
Secondary Voltage (Output)	24V DC
Motor Load	5 Amp / 8 Amp
Motor Lines	1
Inputs For	Manual Call Point, Smoke Sensor, Fire Alarm, BMS, Switch, Thermostat, Wind/Rain Sensor
Operating Condition	-5°C - +40°C, max
Battery Backup	72 Hours
Size	400mm (w) x 300mm (h) x 150mm (d)
Protection Type	IP30
Delivery	1 x Control Unit, 2 x Batteries
Battery Size	2 x 12v 7Ah
Certification	EN 12101-10

SCP500/800



Key

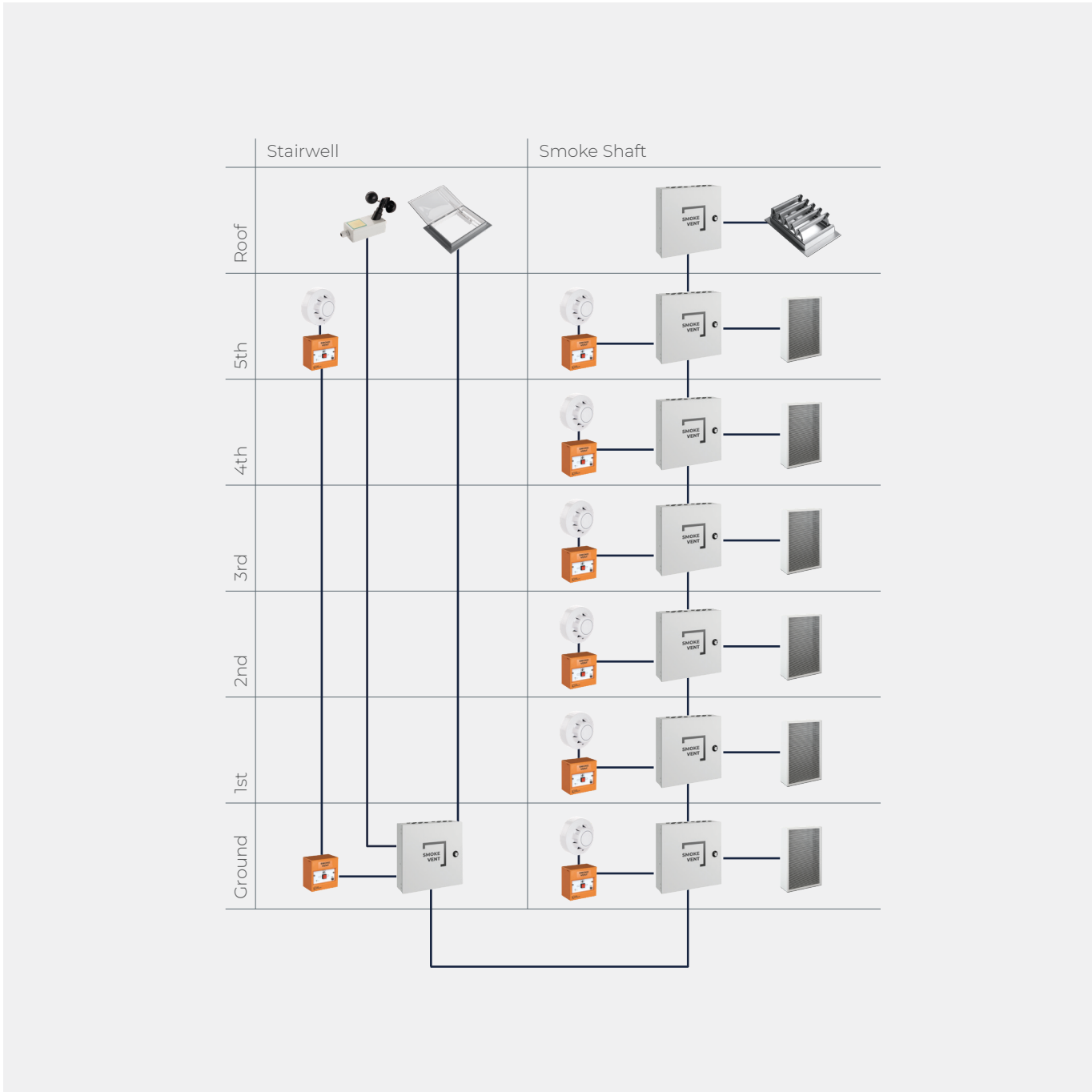
1	SSR-D Smoke Sensor	8	24V DC Smoke Vent
2	BG3/FOS Override Switch	9	BMS with MODBUS
3	BG2/FOS Override Key-Switch	10	S50 Rocker Switch
4	BG1/S Breakglass Call Point	11	RRTKEY Key Switch
5	WSC MP2 LED Indicator	12	WLA 331 Rain Sensor
6	Fire Alarm Signal (NO/C)	13	WLA 330 Wind & Rain Sensor
7	SCP (Network)	14	WLA 110 Thermostat
		15	HMI-SCP Touchscreen User Interface 16-Zone

The SCP single-zone control unit is perfect for stairwell applications with a single AOV.

Using MODBUS technology, multiple SCP's can be networked to form larger multi-zone systems. Making it the ideal choice for larger buildings with smoke ventilation shafts and communal smoke corridors.

The SCP can also be linked to BMS systems running MODBUS. This can then allow more complex cause and effect strategies to be implemented and controlled from a 3rd party BMS system. Advanced users are no longer locked into 'standard' functionality and can enjoy the flexibility to control any element of any SCP as they choose.

Wiring Schematic





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