

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

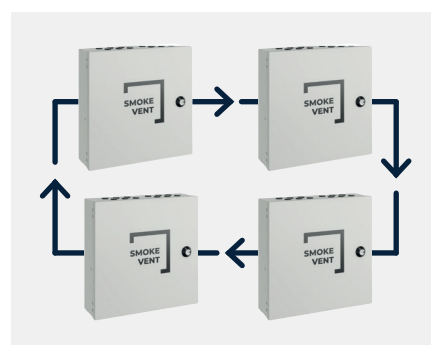
SCP

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 up to 31 x control units together to form a multi-zone system.



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.

Certification

Certified and tested in accordance to EN 12101-10



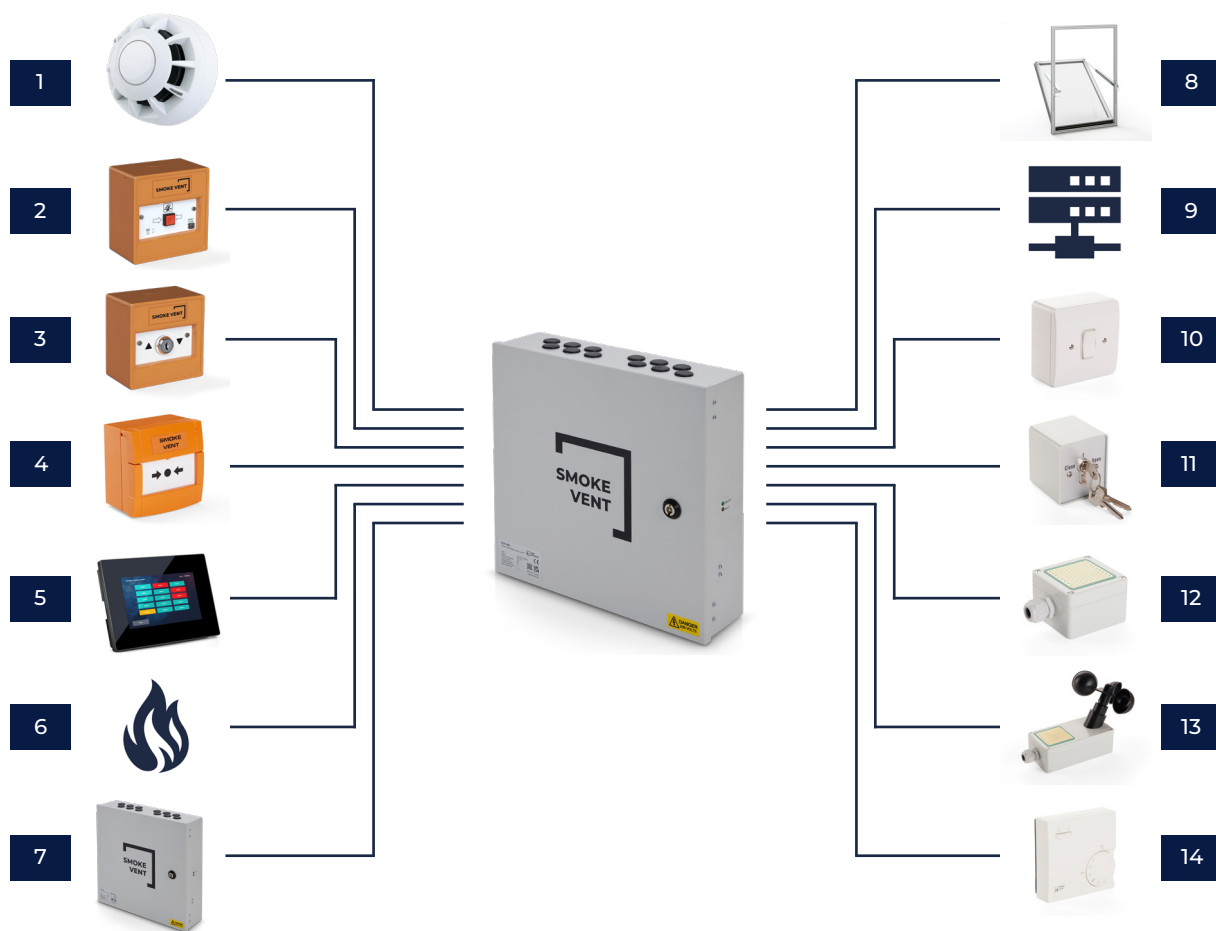
Part Codes

SCP-500	SCP Control Unit 24V 5 Amp
SCP-800	SCP 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	365mm (w) x 353mm (h) x 103mm (d)
Protection Type	IP30
Delivery	1 x Control Unit, 2 x Batteries
Battery Size	2 x 12v 7Ah
Certification	EN 12101-10

SCP



Key

1	SSR3 Smoke Sensor
2	BG3/FOS Override Switch
3	BG6/FOS Override Key-Switch
4	BG1/S Breakglass Call Point
5	HMI-SCP Touchscreen User Interface
6	Fire Alarm Signal (NO/C)
7	SCP (Network)

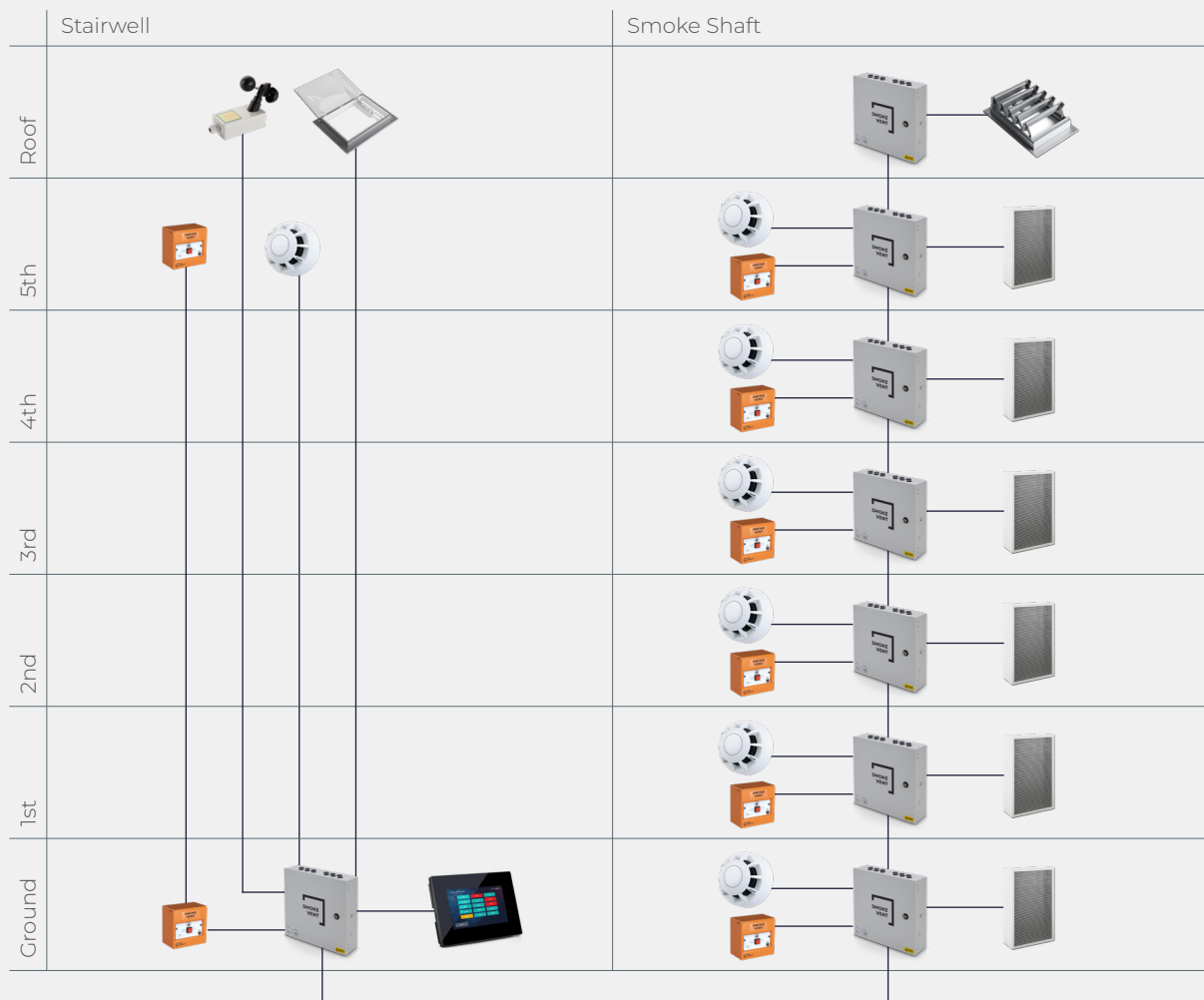
8	24V DC Smoke Vent
9	BMS with MODBUS
10	S50 Rocker Switch
11	RRTKEY Key Switch
12	WLA 331 Rain Sensor
13	WLA 330 Wind & Rain Sensor
14	TS2 Thermostat

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



Compatible Controls



SCP500

Control Unit



SCP800

Control Unit



FlexiSmoke

Control Unit