

OS3 Standard Manual Control Point (MCP)



Features

The MCP is designed to allow the Fire & Rescue Service to manually override the smoke control system through a user-friendly interface. Design includes an open button and a close/reset button, which are accessed by lifting the clear front door.

Designed to meet prEN12101 part 9.

Environmental Control & Sensor Integration

OS3 MCPs include a built-in thermistor for real-time temperature monitoring, enabling precise environmental control. Universal I/O connections support integration with rain sensors, air temperature sensors, and fire alarms.

A local microcontroller handles signals and actuators directly at the MCP, reducing reliance on central panels and simplifying system design.

Installation & Compliance Advantages

The three-wire MCP is ideal for retrofits with limited wiring, avoiding the need for extra cabling and cutting installation time and costs. Addressable backplates and built-in control logic reduce hardware needs and speed up commissioning.

The system retains settings during upgrades or replacements, while EMC compliance ensures reliable performance in tough environments.



Applications

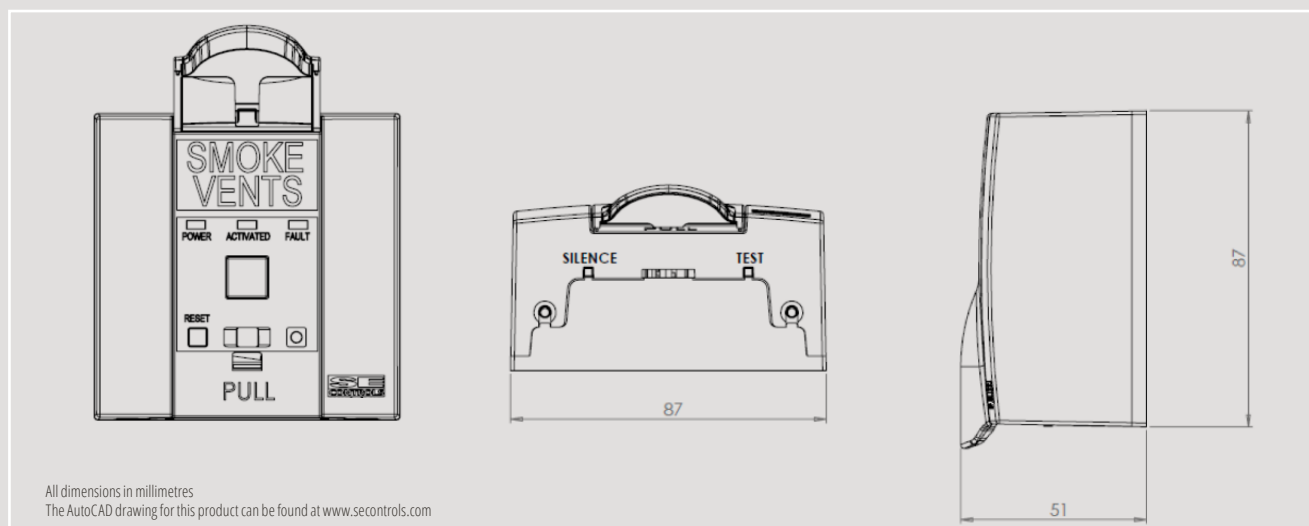


Environmental Ventilation

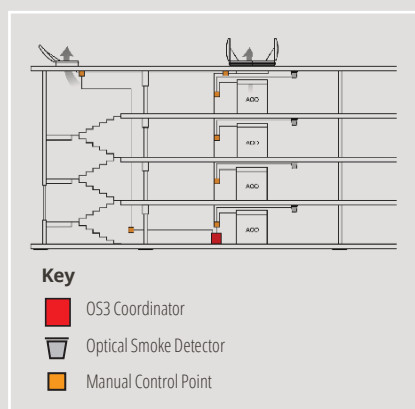


Smoke Ventilation

Technical Drawing



OS3 Control System



Technical Data

Device Details	Provided in orange (RAL 2011) as required as part of prEN12101-9
	The device has the capabilities of providing audible signals and faults, along with having a silence button out of view
	The OS3 MCP continuously monitors actuators and connections to smoke detectors (As required as part of prEN12101-9)
	Maintenance indication (Statutory requirement of the Regulatory Reform Order (Fire Safety))
	Cover reset push button via access key fob
	Reset push button
	Activated LED
	Power/Healthy LED
Dimensions	Fault LED
	Single action activation cover (replaces glass frangible element)
	87 x 87 x 54 mm (h x w x d) - Surface mount

OS3 Standard MCP Part Numbers

Part Numbers	Complete Unit	FCS00300043
	MCP Module Assembly	FCS00300041
	Adapter Plate Assembly	FCS00300040
Miscellaneous Item Part Numbers	Dumb Reset Key	FCS00200024
	Surface Mount Box - RAL 2011 Orange	FYS15040061
	MCP Finger Plate	FCS00200055