

OS3 Tamper Proof Manual Control Point (MCP)



Features

The OS3 Tamper Proof MCP is designed to eliminate nuisance activation of the smoke ventilation system whilst delivering the full functionality required of an MCP.

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.



Application

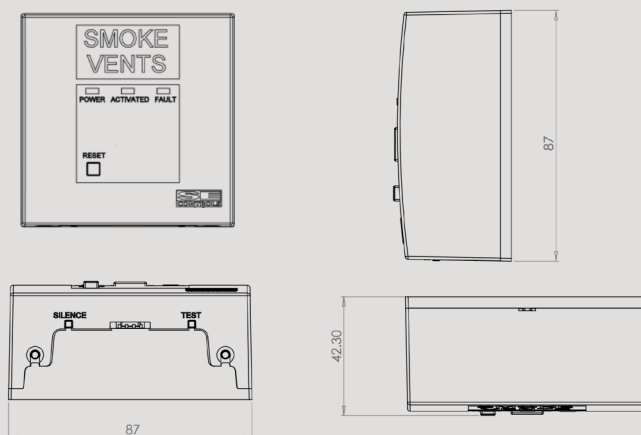


Environmental Ventilation



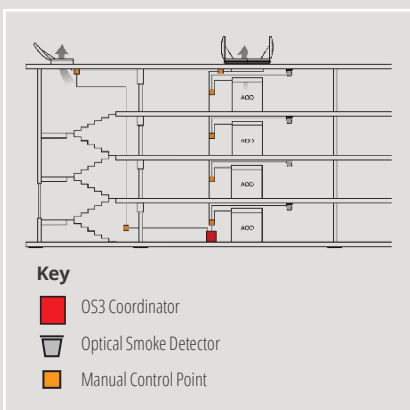
Smoke Ventilation

Technical Drawing



All dimensions in millimetres
The AutoCAD drawing for this product can be found at www.secontrols.com

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 device continuously monitors actuators and connections to smoke detectors (As required by prEN12101-9)
	Maintenance indication (Statutory requirement of the Regulatory Reform Order (Fire Safety))
	Activation via access key fob
	Reset via access key fob
	Reset push button
	Activated LED
	Power/Healthy LED
Dimensions	Fault LED
	87 x 87 x 54 mm (h x w x d) - Surface mount

OS3 Tamper Proof MCP Part Numbers

Part Numbers	Complete Assembly	FCS00300044
	MCP Module Assembly	FCS00300042
	Adapter Plate Assembly	FCS00300040
Miscellaneous Item Part Numbers	Dumb Reset Key	FCS00200024
	MCP Activation Key	FCS00200033
	Surface Mounting Box	FYS15040061