FIXED SYSTEMS

MULTISCAN++ S2

SIL2 Addressable Control Panel

A SIL2 certified, advanced multifunctional gas detection control panel designed for maximum flexibility.

The Sensitron Multiscan++ S2 is a SIL2 certified, advanced multifunction gas detection control panel designed to meet the need for highly flexible systems. The system can manage and monitor up to 256 gas detectors, making it ideal for large sites with more complex requirements across a wide range of industries.

With a powerful microprocessor, the Multiscan++ S2 has a wide range of self-testing capabilities, allowing it to detect and localise possible failures with all-important rapidity.

The event log is fully viewable from the display on the unit itself, as well as having the option of PC download, for versatile information access.

With its capacity for monitoring large numbers of monitors, the Multiscan++ S2 is a versatile system, ideal for use across a wide range of applications and industries including refineries, pharmaceutical and petrochemical plants and the food and beverage industry.

SPECIFICATIONS

SIZE	H470 x W426 x D148mm (18.5 x 16.77 x 5.83ins)
WEIGHT	Rack version: 4.5kg Box version: 6.6kg (without batteries)
ENCLOSURE MATERIAL	ABS or aluminium rack
POWER	Box version: power supply with Vout=27.6 Vdc / Iout=4A, Vin=110 Vac or 220 Vac selectable by a manual switch. Possibility to place two 12V 7Ah batteries. Rack version: connect to an external 24Vdc power supply
OPERATING TEMPERATURE	0 / +50°C
HUMIDITY	15 / 85% RH non condensing
INPUTS	8 inputs 4-20 mA on board, additional inputs available via the remote modules. Sensitron gas detectors can be also connected directly on RS485 bus. The total inputs number depends on the gas panel model: Multiscan++ 256: up to 256 inputs Multiscan++ 128: up to 128 inputs Multiscan++ 64: up to 64 inputs Multiscan++ 32: up to 32 inputs Multiscan++ 16: up to 16 inputs
OUTPUTS	Multiscan++ 256/128/64/32: 8 relays on board Additional outputs available via the remote modules, the total outputs number depends on the gas panel model: Multiscan++ 256: up to 516 outputs Multiscan++ 128: up to 256 outputs Multiscan++ 64: up to 128 outputs Multiscan++ 32: up to 64 outputs
COMMUNICATION	Port Galileo or Modbus for field communication Modbus for the supervision
EVENT LOGGING	The event log can be visualised from the gas panel or by the software
PANEL INDICATION	LCD display 18 Status LEDs
APPROVALS	EMC
FUNCTIONAL SAFETY	SIL2

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Disclaimer

Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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