Ribble Enviro

...everything gas detection

Data Sheet

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FIXED SYSTEMS

MULTISCAN++ PK

EN-Approved Control Panel for Car Parks

The Multiscan++ PK supports a maximum of 256 detectors and has been designed with car parks in mind.

The Sensitron Multiscan++ PK is a gas detection control panel designed for use in car park monitoring and is part of our car parks line, along with the SMART P-1 and SMART P-2 fixed detectors. Compliant with EN 50545-1 standard for detection of CO and NO2 in car parks and tunnels, the Multiscan++ PK is can support up to 256 detectors with both RS485 communication loop connected, and 4-20 mA via STG/IN8-PK modules. Its powerful microprocessor enables it to conduct a comprehensive range of self-tests to identify and localise possible failures, so you can be reassured that your site it always protected from dangerous gas buildup.

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 Mutliscan++ 16: 6 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 Multiscan++ 16: up to 32 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	Certified to EN 50545-1

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Disclaimer

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