CROWCON
Detecting Gas Saving Lives

MULTISCAN ++S2

SIL2 Addressable Control Panel

ATEX and SIL2 certified

Up to 256 inputs

Up to 2 closed RS485 (EIA-485) galvanic isolated loops

Specification

Size	H470 x W426 x D148 mm (18.5 x 16.77 x 5.83ins)
Weight	Rack version: 4.5 kg Box version: 6.6 kg (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, ATEX
Functional Safety	SIL2

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