Fire Control Panel FS5200

FS 5200

The Fire Control Panel FS 5200 is a modern, highly reliable, multifunctional and versatile unit, providing the user with unexpected potential in the design, installation and operation of conventional fire alarm systems.

The FS5200 is certified by EVPU.

MORE THAN 10 DISPLAY LANGUAGES AVAILABLE

Technical features

Fire detection lines (8, 16, 24 or 32):
– Maximum number of fire detectors in a line: 32
– Connecting line type: two-wire
– Maximum resistance of a line: 100 Ω

Monitored fire alarm lines (EN54-2, type C):
– Type: potential
– Electrical characteristics: (24±5)V/500 mA

Common fire relay outputs (2, 10 or 5):
– Type: potential free, switching
– Electrical characteristics: 3 A/125 V AC; 3 A/30 V DC

Common fault warning relay outputs:
– Type: potential free, switching
– Electrical characteristics: 3 A/125 V AC; 3 A/30 V DC

Indications of registered events:
– Light indication: LEDs
– Text messages: LCD display – 4 lines, 20 symbols
– Sound: Built-in buzzer

Access levels to control functions:
– 4 (in compliance with EN 54/2)

Power supply:
– Mains: 220/230 V
– Frequency: 50 Hz

Backup batteries:
– 2 x 12 V / 12 Ah

Operation in duty mode upon interrupted mains supply:
– Minimum configuration: 80 h
– Maximum configuration 30 h

Consumption on backup batteries supply in duty mode at 24 V:
– Minimum configuration: <155 mA
– Maximum configuration: <400 mA

Power supply to external devices:
– Voltage: (24±5)V
– Maximum output current (current of controllable outputs included): 1,5 A

Weight (backup batteries not included): 6,6 kg
Dimensions: 450 x 355 x 115 mm
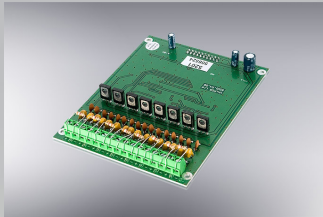Operating temperature: -5 °C to +40 °C
Relative humidity: to 93%
Degree of protection: IP 40

Functional data:
– Automatic reset of the fault warning condition
– Logical "AND" scenario for fire detection lines
– Fully programmable from the display user-friendly menu structure
– Modular fire alarm panel with optional modules for fire detection lines and fire alarm lines
– Optional scenarios for common fire outputs and fire alarm outputs
– Compatible with third party fire detectors with the zone-individual programmable threshold current values
– Real time clock and Event log of 2500 events

Extension modules

Extension module 5201
– 8 fire detection lines

Extension module 5202
– 8 fire detection lines
– 1 monitored fire alarm line

Relay extension module 5203
– 8 common fire relay outputs

Relay extension module 5204
– 16 common fire relay outputs

Interface module RS232/485
Provides communication between fire alarm control panels types FS5100, FS5200 and FS4000 with repeater type FS5200R products of UniPOS.

Possible configurations

FS 5200:
– 8 fire detection lines
– 1 monitored fire alarm line
– 2 common fire relay outputs

FS 5200 + 5201:
– 16 fire detection lines
– 1 monitored fire alarm line
– 2 common fire relay outputs

FS 5200+5201+5202:
– 24 fire detection lines
– 2 monitored fire alarm lines
– 2 common fire relay outputs

FS 5200+5201+5202+5201:
– 32 fire detection lines
– 2 monitored fire alarm lines
– 2 common fire relay outputs

In each one configuration it is possible to add just one module 5203 or 5204.

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