



# CONVENTIONAL FIRE DETECTION PANEL TYPE : FS4000



Fire Control Panel FS4000 is a modern, highly reliable, multifunctional and versatile product. It is designed to receive signals emitted by manual call points and automatic fire detectors, producing sound and light indication. The fire control panel provides options for integration of external sound units and executive devices.

## TECHNICAL DATA

Fire alarm lines - maximum number	8
◆ Maximum number of fire detectors in a line	32
◆ Connecting line	two-wire
◆ Maximum resistance of a line	100 Ω
Controllable output for fire condition	1
◆ Type	potential, relay
◆ Electrical features	(19-24) VDC / 450 mA
Relay output for fire condition	1
◆ Type	potential-free, switching
◆ Electrical features	3 A / 30 VDC
Relay output for fault condition	1
◆ Type	potential-free, switching
◆ Electrical features	3 A/30 VDC
Indication for registered events	
◆ Light indication	LED
◆ Sound	built-in sounder
Main supply	(187-252) V / (50-60) Hz
Backup batteries supply	1x12 V / (3-7) Ah
Duration of the fire control panel operation in Duty mode upon interruption of main supply	
◆ 2 lines	80h/7Ah 32h/3Ah
◆ 4 lines	72h/7Ah 30h/3Ah
◆ 6 lines	60h/7Ah 25h/3Ah
◆ 8 lines	54h/7Ah 22h/3Ah
Consumption on backup batteries supply in Duty mode	
◆ FS4000/2	< 85mA/12V
◆ FS4000/4	< 95mA/12V
◆ FS4000/6	< 110mA/12V
◆ FS4000/8	< 125mA/12V
Power supply to external devices	
◆ Voltage	(19-24)VDC
◆ Maximum current (incl. current of controllable output)	450mA
Dimensions	313x218x85mm
Weight (without backup batteries)	2,5kg
Operating temperatures	-5°C to 40°C
Relative humidity	up to 93%
Degree of protection	IP40

## BASIC FEATURES

The fire control panel is produced in four versions:

- ◆ 2 fire alarm lines FS4000/2
- ◆ 4 fire alarm lines FS4000/4
- ◆ 6 fire alarm lines FS4000/6
- ◆ 8 fire alarm lines FS4000/8

Its main features and possibilities are:

- ◆ Control over fire alarm lines and controllable output for fault conditions (short circuit and interruption) and automatic reset
- ◆ Detection of removed fire detector and automatic reset
- ◆ Ability to identify automatic fire detectors and manual call points - LED indication for alarm state and fault conditions
- ◆ Delay option of 1,2,3,4 or 5 minutes for outputs for fire condition after fire condition is registered.
- ◆ Built-in sound signalization for fire condition (one-tonal, continuous), that can be switched off. Built-in sound signalization for fault condition (one-tonal, discontinuous) that can be switched off
- ◆ Test mode of fire alarm lines
- ◆ Disable of fire alarm lines
- ◆ Disable of outputs for fire condition