



CONVENTIONAL FIRE CONTROL PANEL

FS 4000





Fire Control Panel FS 4000 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.

The Fire Control Panel is produced in four versions:

- ◆ 2 fire alarm lines FS 4000/2
- ◆ 4 fire alarm lines FS 4000/4
- ◆ 6 fire alarm lines FS 4000/6
- ◆ 8 fire alarm lines FS 4000/8

FUNCTION

- ◆ 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
- ◆ Delay option of 1,2,3,4 or 5 minutes for outputs for Fire condition after Fire condition is registered.
- ◆ LED indication for Fire condition and Fault condition
- ◆ 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

TECHNICAL DATA

FIRE ALARM LINES	2, 4, 6 or 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		
◆ type	potential, relay	
◆ electrical features	(19-24)V DC/0,45 A	
RELAY OUTPUT FOR FIRE CONDITION	1	
◆ type	potential-free, switching	
◆ electrical features	3 A / 30V DC	
RELAY OUTPUT FOR FAULT CONDITION	1	
◆ type	potential-free, switching	
◆ electrical features	3 A / 30V DC	
SIGNALIZATION OF REGISTERED EVENTS		
◆ light	LED	
◆ sound	built-in sounder	
POWER SUPPLY		
◆ mains	(187-252)V AC, 50/60Hz	
◆ backup battery	1x12V DC, (3-7) Ah	
DURATION OF OPERATION IN DUTY MODE UPON INTERRUPTION OF MAINS SUPPLY		
◆ 2 lines	80 h / 7 Ah	32 h / 3 Ah
◆ 4 lines	72 h / 7 Ah	30 h / 3 Ah
◆ 6 lines	60 h / 7 Ah	25 h / 3 Ah
◆ 8 lines	54 h / 7 Ah	22 h / 3 Ah
CONSUMPTION ON BACKUP BATTERIES SUPPLY IN DUTY MODE		
◆ FS 4000/2	< 85 mA / 12V DC	
◆ FS 4000/4	< 95 mA / 12V DC	
◆ FS 4000/6	< 110 mA / 12V DC	
◆ FS 4000/8	< 125 mA / 12V DC	
AUXILIARY SUPPLY		
◆ voltage	(19-24)V DC	
◆ maximum current (incl. current of controllable output)	0,45 A	
DIMENSIONS	313x218x85 mm	
WEIGHT (WITHOUT BACKUP BATTERY)	1,5 kg	
OPERATING TEMPERATURE	minus 5°C to 40°C	
RELATIVE HUMIDITY	(93±3)% at 40°C	
DEGREE OF PROTECTION	IP 40	