Interactive Fire Control Panel IFS7002 4 signal loops
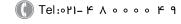
IFS7002

The Interactive Addressable Fire Alarm System IFS7000 is designed for early detection and alarm of a fire condition, indicating the exact location of the fire or fault event.

The Interactive Fire Control Panel IFS7002 with four signal loops is designed to operate with addressable automatic fire detectors and manual call points. It controls addressable executive devices integrated into fire alarm loops.
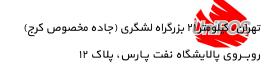
UniPOS

MORE THAN 10 DISPLAY LANGUAGES AVAILABLE

Features

– Fire Control Panel and all devices, connected to the signal loops, are fully programmable
– Detection of Fault conditions: short circuit or interruption in a loop, removed fire detector or swapped fire detectors
– Two signal loops (branch lines are optional) for connecting of the fire detectors, input or output modules, adapters, automatic extinguisher modules
– Automatic addressing of devices avoiding duplication of addresses
– Option for connection to dispatcher control point
– LED indication of the main events and conditions of the Fire Control Panel
– Built-in buzzer
– Graphic LCD display for text messages visualization
– Touch-screen activation of the buttons available on the graphic LCD display
– Dialogue menus in language required by the user
– Built-in real time clock
– Option for network operation with FS5200E Fire Extinguishing Control Panel
– A variety of Test modes and setup options
– Real-time clock set up
– Test mode for the light, sound indication and the touch-screen response
– Testing of the fire alarm zones
– Programmable 6 modes of activation for each addressable output and test procedure available for their triggering check
– Option for operation with a graphical software for control andvisualization ''UniPOS-Intellect''

www.famcocorp.com
E-mail: info@famcocorp.com
@famco_group

Tel:۰۲۱-۴ ۸ ۰ ۰ ۰ ۰ ۴ ۹
Fax:۰۲۱ – ۴۴۹۹۴۶۴۲

تهران، کیلومتر۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبـروی پالایشگاه نفت پارس، پلاک ۱۲

Technical data

Physical configuration:
– 4 fire alarm loops
– maximum number of fire detectors in a loop: 125
– connecting line: two-wire shielded
– maximum consumption of a loop: 200 mA
– 1 power loop

Connecting line: two-wire
– maximum consumption of the loop: 1A

Monitored outputs: 2
Type: potential
– electrical characteristics:(19-27.5)V DC/1A

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

Common programmable fire relay outputs:
– type: potential free, switching
– electrical characteristics: 3A/125V AC;
3A/30V DC

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

Fire alarm zones:
– Maximum number of zones: 500
– Maximum number of fire detectors in a zone: 60

Indications of registered events:
– Sound signaling: built-in sounder
– Light indication: LED
– Text messages: LCD display, 320 x 240 points, backlit

Power supply:
– 220/230V; 50Hz

Backup batteries:
– Battery type: lead, gel electrolyte
– Number of batteries: 2 pcs
– Connection: serial connection
– Nominal voltage of the back up battery: 2 x 12V
– Nominal capacity C20: 18 Ah
– Charge voltage: 28,2V

Power supply to external devices:
– Voltage: (24±5)V
– Maximum current value (including current of monitored outputs and power loop): 5A

Dimensions: 493x464x110mm
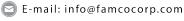Weight (batteries not included): 10kg

www.famcocorp.com
E-mail: info@famcocorp.com
@famco_group

Tel:۰۲۱- ۴ ۸ ۰ ۰ ۰ ۰ ۴ ۹
Fax :۰۲۱ – ۴۴۹۹۴۶۴۲

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