ADDRESSABLE FIRE DETECTION PANEL 4-LOOP
TYPE : IFS7002-4

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Basic features

- Fire Control Panel and all devices in the loops are fully programmable
- Two-way exchange of data between Fire Control Panel and connected in the lops devices
- Detection of Fault conditions: short circuit or interruption in a loop, removed fire detector or swapped fire detectors, connection of the loop to the grounds
- Four signal loops (branch lines are optional) for connecting of the fire detectors, input and/or output modules, adapters, automatic extinguisher modules
- One power loop for supplying of executive devices
- Automatic addressing of devices avoiding duplication of addresses
- Automatic detection of devices of the outputs
- Network operation of 128 Fire Control Panels and/or repeater panels
- Option for connection to dispatcher control point
- LED indication of the main events and conditions of the Fire Control Panel
- Built-in sounder
- LCD graphic display for visualization of text messages
- Touch screen panel
- Dialogue menus in language required by the customer
- Option for integration of a standard PC keyboard
- Built-in real time clock

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Technical data

Fire alarm loops		
Signal	:	4
Power	:	1
Addressable devices in one signal loop	:	Up to 125
Cross section of the signal loop wire	:	(0.8-2.5) mm^2
Maximum resistance of the signal loop	:	100Ω
Number of devices in one branch	:	Up to 32
Fire alarm zones	:	Up to 500
Addressable devices in one zone	:	Up to 60
Response time to activated detector signal	:	Up to 10 seconds
Registered events by the counter of fire events	:	Up to 9999
Archive of events	:	Up to 1023
Power supply		
Mains	:	220/230VAC, 50Hz
Backup batteries	:	2X12 VDC, 18Ah
Current consumption of power supply loop	:	Up to 1A
Outputs		
Relay 30VDC/3A	:	3
Controllable 28V DC/1A	:	2
Auxiliary supply 24VDC/1A	:	1
Interfaces		
RS 232 or RS 485	:	1
CAN	:	2
Dimensions	:	493 x 464 x 110 mm
Weight (batteries not included)	:	10 kg
Operating temperature	:	-5°C to +40°C
Relative humidity	:	(93±3) % at 40°C
Degree of protection	:	IP 40