

Interactive Fire Control Panel IFS7002

1 signal loop



The Interactive Fire Control Panel IFS 7002 is an up-to-date, high reliable, multi-functional and versatile device, providing the user with unexpected potential in the design, installation and operation of addressable fire alarm systems.

Technical data

Physical configuration:

- 1 fire alarm loops
- 2 monitored outputs
- 1 relay outputs for fire condition
- 1 programmable relay outputs for fire condition
- 1 relay output for fault conditions

Fire alarm zones:

- Maximum number of zones – 64
- Maximum number of fire detectors and in-out devices – 60

Fire alarm loops:

- Maximum number of fire detectors in a loop – 125
- Connecting line – two-wire shielded
- Maximum resistance of a loop – 100
- Output resistance of a loop – 20
- Maximum consumption of a loop – 200mA

Monitored outputs: – 2 pcs

- Type – potential
- Electrical characteristics – (24±5)V/0,5A

Relay output for fire conditions – 1 pc

- Type – potential free, switching
- Electrical characteristics – 3A/125VAC; 3A/30VDC

Relay (programmable) output for fire conditions – 1 pc

- Type – potential free, switching
- Electrical characteristics – 3A/125VAC; 3A/30VDC

Relay output for fault conditions – 1 pc

- Type – potential free, switching
- Electrical characteristics – 3A/125VAC; 3A/30VDC

Performance:

- Control over fire alarm loops and monitored outputs for fault conditions (short circuit and interruption) and automatic reset
- Dedicated led indication per fire zone
- Detection of removed devices in the loops and automatic reset

- Ability to set the zones in Coincidence Mode
- Two phases of Fire condition, programmable time for Fire condition stage I, separately for each zone
- Option to prolong the time period for Fire condition stage I with programmable inspection period, specified for each zone
- Built-in sounder for fire condition – one tonal, discontinuous, can be switched off
- Built-in sounder for fault condition – one tonal, discontinuous, can be switched off
- Built-in real time clock
- Set of test modes and options for adjustment

Setting the clock:

- Check-ups on light and sound indications
- Test of fire alarm zones
- Adjustment of outputs and integrated external devices
- Programming of parameters and modes of operation
- Remote programming of the parameters from distant operator control point

- Energy independent event log of registered events with the events type, date and hour – up to 1023 events
- Interfaces for communication with external devices – CAN 2.0B and USB.

Indications of registered events:

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

Power supply:

Mains:

- voltage – 220/230V
- frequency – 50Hz

Back up batteries:

- battery type – lead, gel electrolyte
- number of batteries – 2 pcs
- connection – serial connection
- nominal voltage of the back up battery – 2x12V DC
- nominal capacity C20 – 7Ah
- charge voltage – 28V

Consumption on back up batteries supply:

- at 24V – <160mA
- at 26V – < 150mA

Power supply to external devices:

- Voltage – (24±5)V
- Maximum current value (including current of monitored outputs) – 1A

Dimensions:

- Overall dimensions – 286 x 148 x 125 mm
- Weight (batteries not included) – 1.240 kg.



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