KODOS MI-50 Indication module

Certificate

◼ Basic Item Information and Technical Data

KODOS MI-50 indication module (hereinafter referred to as MI-50) is used as a component of the address fire and burglar alarm (FBA) system based on control and indicating equipment - KODOS A-20 Central Panel and also designed to be incorporated in SCREEN system.

The functions executed in the course of MI-50 operation are as follows:

a) displays information on the status of the indication object and MI-50 operation mode;

b) receives the code of code carrier from the reader and transmits it to a personal computer (PC) for further processing;

c) transmits control signals from the KODOS A-20 Central Panel or PC to the executive devices.

MI-50 allows performing the following:

a) when used as the component of the FBA system – to visually monitor zones and control channels, set sections on and off guard by means of readers connected to MI-50;

b) when used as a component of SCREEN – to visually register the presence of employees.

Table 1 – Performance Data

Voltage of external power supply, *V*	9.5 … 15.0
Consumption current, *mA*, maximum	200
Protocol of connection with KODOS A-20 (KODOS AD-01 adapter)	RS-485
Length of KODOS A-20 device connection line (KODOS AD-01 adapter),*m*, maximum	1200
Number of indication objects	50
Number of set hardware addresses	63
Number of control outputs	2
Wattage of active load at control outputs, **W**, maximum	30
Number of readers connected	2
Length of connection cable to reader, *m*, maximum	30
Operating environment: ambient temperature, °C relative humidity at 25 °C, %*,* maximum	+5 .. +55 80
Overall dimensions, *mm*	255x222x11
Weight, *kg,* maximum	0,8

Standard Equipment

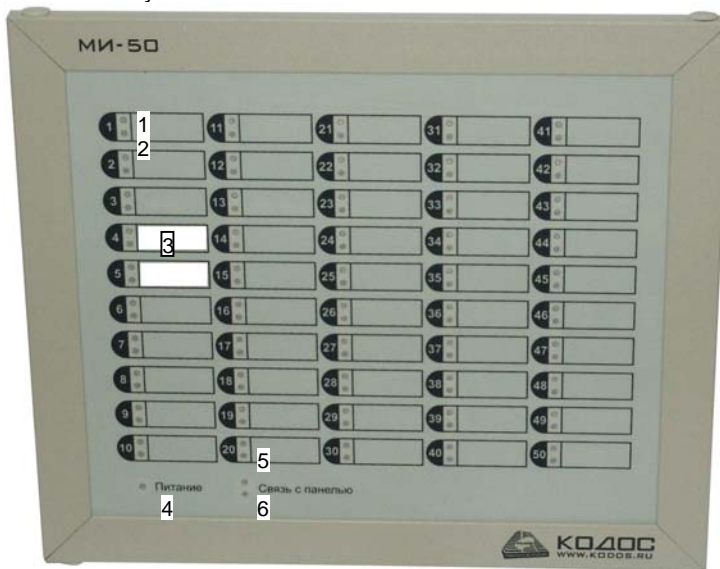|				
1	KODOS MI-50 Indication module	–	1	pc
2	Self-tapping Screw 3.5x25	–	4	pcs
3	Plastic Nailing Plug	–	4	pcs
4	Sticker	–	50	pcs
5	Certificate	–	1	copy
6	Package	–	1	pc

Notes on Operation

1   Assembly, installation, and maintenance of the address unit shall be performed in accordance with the document "KODOS A-20 Central Panel-Based Fire and Burglar Alarm System. Installation Guide".

2   To set the hardware address of MI-50 set the DIP-switches 1-6 located on the back side of the unit body in the respective position.

3   Before starting the operation set switch 7 to position OFF, switch 8 (MI-50 mode ON) to position ON.

4   LEDs (Figure 1) are used to indicate the MI-50 power supply (Power), the status and operation modes of MI-50 (Connection to panel), and the status of the indication objects (two LEDs in each information field).

5   The warranty is void if the seal is broken.

1 – green LED of the indication object;   4 – Power LED;
2 – red LED of the indication object;   5– Transmitting LED ⎤ Connection
3 – stickers;   6 – Receiving LED;⎦ to panel;

Figure 1 – Indication module (front)