

KODOS A-07/4 Address Unit

Certificate

Basic Item Information and Technical Data

KODOS A-07/4 address unit (hereinafter referred to as address unit) is used to monitor the status (Short Circuit, Alarm, Normal, Breakage) of the burglar loops connected to sensors with "dry" output contacts and to transfer information to the KODOS A-20 central panel communication line. The unit is used as a component of the address fire and burglar alarm system based on control and indicating equipment - KODOS A-20 Central Panel.

The address unit is powered through the KODOS A-20 Central Panel communication line.

The functions executed in the course of the address unit operation are as follows:

- a) monitoring the status (Short Circuit, Alarm, Normal, Breakage) of burglar and burglar/fire loops connected to the sensors with "dry" output contacts;
- b) transmitting messages on loop status and the address unit body opening to the KODOS A-20 Central Panel.

Table 1 – Performance Data

Voltage amplitude in communication line, V	18 .. 24
Consumption current, mA , maximum	7.0 ²⁾
Communication line length, m , maximum	1600 ¹⁾
Number of loops monitored	4
Loop leak resistance, kOhm , minimum	20
Loop resistance, Ohm , maximum	1000
Loop length, m , maximum	100
Overall dimensions, mm	136x100x27
Weight, g , maximum	120
Operating environment: ambient temperature, °C relative humidity at 25 °C, %, maximum	+5...+35 80
¹⁾ – see documentation for KODOS A-20 Central Panel. ²⁾ – these are maximum values of mean consumption current, which should be taken into account when calculating total current consumption of the system.	

Standard Equipment

1	KODOS A-07/4 Address Unit	- 1 pc
2	Resistor 3.6 kOhm	- 12 pcs
3	Resistor 7.5 kOhm	- 16 pcs
4	Self-tapping Screw 3.5x25	- 4 pcs
5	Plastic Nailing Plug	- 4 pcs
6	Certificate	- 1 copy
7	Package	- 1 pc

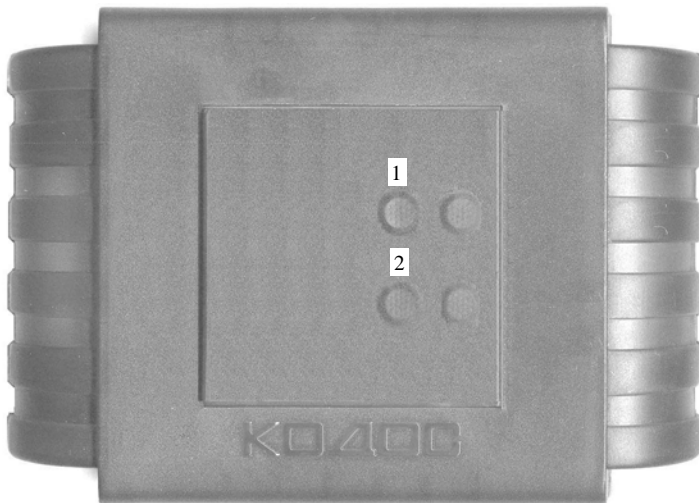
Notes on Operation

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 The hardware address of the address unit is detailed on the sticker on the back side of the unit body.

3 LEDs (Figure 1) are used to indicate the address unit power supply (Power) and data exchange (Line) with the KODOS A-20 Central Panel.

4 The warranty is void if the seal is broken.



1 – LED Line; 2 – LED Power

Figure 1 – Address Unit (front)