

# KODOS AKP Address Unit

## Certificate

### Basic Item Information and Technical Data

**KODOS AKP address unit** (hereinafter referred to as AKP, address code input panel) is designed to remotely set zones on and off guard (switch channels on and off) in a section of the address system. It is used as a component of the fire and burglar alarm system (FBA) based on the 01059-42/126-1 KODOS A-20 fire and burglar alarm control and indicating equipment (central panel) (hereinafter referred to as KODOS A-20 device).

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

The functions provided by AKP operation are as follows:

a) transferring control commands to the KODOS A-20 device (by inputting them from the keyboard);

b) receiving information on the results of executing the commands entered via AKP from the KODOS A-20 device; the information is transferred via information LEDs 3 and 4;

c) monitoring device serviceability, zero damages of the body (e.g. due to unauthorized opening), availability of connection with the KODOS A-20 device by means of Power and Connection LEDs and a built-in audible alarm unit.

**Table 1 – Performance Data**

Voltage amplitude in communication line, <b>V</b>	18 ... 24
Consumption current, <b>mA</b> , maximum	3 *
Communication line length, <b>m</b> , maximum	1600**
Number of loops monitored	2
Operating environment: ambient temperature, °C relative humidity at 25 °C, %, maximum	+5...+35 80
Overall dimensions, <b>mm</b>	136x100x27
Weight, <b>g</b> , maximum	120
* – these are maximum values of mean consumption current, which should be taken into account when calculating total current consumption of the system.	
** – see documentation for KODOS A-20 device.	

## Standard Equipment

1	KODOS AKP Address Unit	- 1 pc
2	Plate	- 1 pcs
3	Self-tapping Screw 3.5x25	- 4 pcs
4	Plastic Nailing Plug	- 4 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 Manual".

2 The hardware address of the address unit is detailed on the sticker under cover of the unit body.

3 Keys from [0] to [9] are used to type commands; key [\*] is designed for clearing wrongly entered numbers; key [#] is not used. As each of the keys is pressed a short signal of audible alarm unit is heard.

4 LEDs (Figure 1) are used to indicate the address unit power supply (Power), data exchange with the KODOS A-20 Central Panel (Connection) and the actions of the Operator (Done, Not done)



1 – LED Done; 2 – LED Not done; 3 – LED Connection; 4 – LED Power; 5 – Cover

**Figure 1 – Address Unit (front)**