

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, V	18 ... 24
Consumption current, mA , maximum	3 *
Communication line length, m , maximum	1600**
Number of loops monitored	2
Operating environment: ambient temperature, °C relative humidity at 25 °C, %, maximum	+5...+35 80
Overall dimensions, mm	136x100x27
Weight, g , 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)