

KODOS A-08/24 Address Unit

Certificate

Basic Item Information and Technical Data

KODOS A-08/24 address unit (hereinafter referred to as address unit) is used to switch executive devices, supplied from DC power supply with voltage up to 30 V on/off, and to give out a message on the status of each control channel. 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 supplied from the external power supply.

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

a) switching the executive devices on/off by the command of the KODOS A-20 Central Panel;

b) transmitting a message on switching the control channels on/off to the KODOS A-20 Central Panel communication line.

Table 1 – Performance Data

Voltage amplitude in the communication line, V	18 ... 24
Consumption current when supplied from the communication line, mA , maximum	3
Voltage of the external power supply of the address unit, V	9 ... 30
Consumption current from 24 V DC power supply, mA , maximum	60
Current in the control channel when switched on, A , maximum	5
Communication line length line, m , maximum	1600 *
Number of control channels	2
Commutation voltage on the output terminals of the control channels, V	0 ... 30
Length of the control channel cable, m , maximum	15
Operating environment: ambient temperature, °C relative humidity at 25 °C, %, maximum	+5 ... +35 80
Overall dimensions, mm	120x70x28
Weight, g , maximum	90

* – see documentation for KODOS A-20 Central Panel.

Standard Equipment

1	KODOS A-08/24 Address Unit	- 1 pc
2	Self-tapping Screw 3.5x25	- 4 pcs
3	Plastic Nailing Plug	- 4 pcs
4	Certificate	- 1 copy
5	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), data exchange (Line) with the KODOS A-20 Central Panel, and operation of control channels 1 and 2 (Channel 1 and Channel 2) respectively.



1 – LED Channel 2; 2 – LED Channel 1; 3 – LED Power; 4 – LED Line

Figure 1 – Address Unit (front)