

# KODOS A-06/2 Address Unit

## Certificate

### Basic Item Information and Technical Data

**KODOS A-06/2 address unit** (hereinafter referred to as address unit) is used to monitor the status (Short Circuit, Alarm, Normal, Breakage) of fire loops connected to current-consuming fire sensors, 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 the fire loops connected to current-consuming fire sensors of IP 212-46 and "Pulsar" type or their analogues;

b) sending 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, <b>V</b>	18 ... 24
Consumption current, <b>mA</b> , maximum	7.5*
Communication line length, <b>m</b> , maximum	1600**
Number of loops monitored	2
Total consumption current of fire sensors in standby mode per loop, <b>mA</b> , maximum	0.5
Loop leak resistance, <b>kOhm</b> , minimum	50
Loop resistance, <b>Ohm</b> , maximum	1000***
Fire loop length, <b>m</b> , maximum	100
Operating environment: ambient temperature, °C	+5...+35
relative humidity at 25 °C, %, maximum	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 Central Panel.

\*\*\* – when loop resistance exceeds 100 Ohm an Alert message may be issued instead of SHORT CIRCUIT

## **Standard Equipment**

1	KODOS A-06/2 Address Unit	- 1 pc
2	Resistor 15 kOhm	- 2 pcs
3	Self-tapping Screw 3.5x25	- 4 pcs
4	Plastic Nailing Plug	- 4 pcs
5	Certificate	- 1 copy
6	Package	- 1 pc

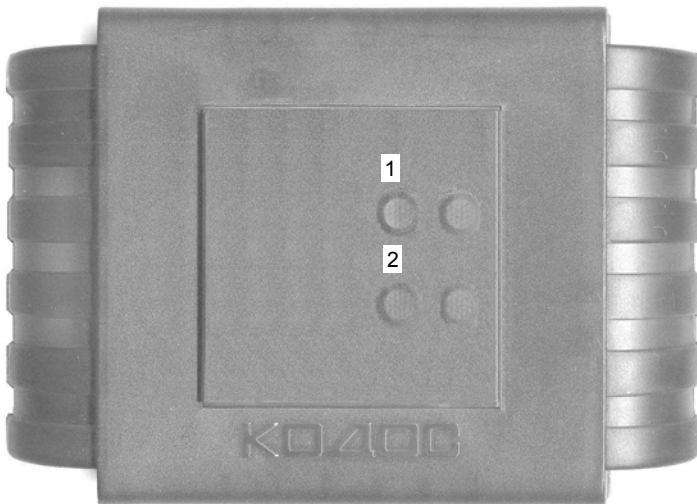
## **Notes on Operation**

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 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)**