

KODOS A-08/220 Address Unit

Certificate

Basic Item Information and Technical Data

KODOS A-08/220 Address Unit is used to switch executive devices supplied from 24 ...265 V AC power supply on/off and to give out messages on the status of each executive device. 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) 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, mA , maximum	5.5
Number of control outputs	2
Communication line length, m , maximum	1600 *
Commutation voltage on the output terminals of the control channels, V	24 ...265 V AC
Commutation voltage frequency, Hz	45 ... 65
Minimum current in the control channel when switched on, mA	50
Maximum current in the control channel when switched on, A	1
Peak current in the control channel when switched on, A	2 **
Voltage drop in output terminals of the control channels with load connected, V , maximum	3
Length of the control channel cable, m , maximum	100
Electric resistance of insulation between circuits of the 220 V mains (connectors OUT1 and OUT2) and the rest of the terminals, MΩ , minimum	20
Operating environment: ambient temperature, °C	+5...+35
relative humidity at 25 °C, %, maximum	80
Overall dimensions, mm	120x70x28
Weight, g , maximum	85

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

** – no longer than 10 minutes per 1 hour of operation.

Standard Equipment

1	KODOS A-08/220 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 Line; 2 – LED Channel 1; 3 – LED Power; 4 – LED Channel 2

Figure 1 – Address Unit (front)