

KOD16

Digital output module

Basic functions

- Digital output module
- 16 voltage-free digital outputs with joint ending
- LED indication of active signals and serial communication
- Possibility to choose permanent or impulse commands for each output independently
- Software setting of the impulse outputs duration
- Galvanic isolation of digital outputs from the power supply voltage and RS485 bus
- Connection with other modules through RS485 bus

Application

Digital output module KOD16 enables setting digital outputs through the RS485 bus either from the SCADA directly, or from the Atlas Max-RTL.

Design

Cabur CH boxes (dimension WxDxH 24x85x121 mm)

Connections

There are a 17-pin strip for digital outputs on the bottom and a 3-pin strips for RS485 bus on the top and a 2-pin strip for the power supply. Digital outputs have joint ending.

Technical specifications

Operating temperature	-20 to 60 °C
Operating humidity	5 to 95% RH
Output type	Voltage-free contact
Maximum current through the contact	100mA
Maximum switching voltage	48VDC
Power supply	5V DC
Consumption	max 100mA@5V



PIN Layout:

CON.1		
PIN	Signal name	Description
1	OUT1	OUTPUT1
2	OUT2	OUTPUT2
3	OUT3	OUTPUT3
4	OUT4	OUTPUT4
5	OUT5	OUTPUT5
6	OUT6	OUTPUT6
7	OUT7	OUTPUT7
8	OUT8	OUTPUT8
9	OUT9	OUTPUT9
10	OUT10	OUTPUT10
11	OUT11	OUTPUT11
12	OUT12	OUTPUT12
13	OUT13	OUTPUT13
14	OUT14	OUTPUT14
15	OUT15	OUTPUT15
16	OUT16	OUTPUT16
17	COM	JOINT POINT OF ALL OUTPUTS

CON.2		
PIN	Signal name	Description
RS485		
18	A	Reception/transmission+
19	B	Reception/transmission-
20	C	Joint point

CON.3	
PIN	Description
21	+5V
22	GND5V

OUTPUT CIRCUIT DIAGRAM:

