

KOR 16

Digital output module

Basic functions

- Digital output module for MMS devices
- 16 Voltage-free digital relay 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
- Connection with other modules via RS485 bus
- Galvanic isolation of digital outputs from the power supply voltage and RS485 bus
- Connection with other modules via RS485 bus



Application

Digital output module KOR16 enables setting digital outputs via RS485 bus either from the SCADA directly or via Atlas RTL module.

Design

Cabur CH boxes (Dimensions WxDxH 24x85x121mm)

Connections

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

Technical specifications

Operating temperature:	[-20÷50]°C
Operating humidity:	5 to 95% RH
Output type:	Voltage-free relay contact
Maximum current through the contact:	0,5A@30VDC; 0,2A@110VDC; 0,12A@220VDC; 0,5A@230VAC
Maximum switching voltage:	220VDC; 250VAC
Power supply:	5VDC
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