

**0010**

---

---

1

RS-485

-  
-  
-

:  
5 50 ° ;  
80% 35 ° ;  
86 106,7 .

2

1

	12...24
	16...34 47...63 ( 24 )
	9
	10
( )	7 240 50 10 24
	RS-485
RS-485, /	115200
	ModBus-RTU
	IP20
	140 90 63
	0,5
	8

3.

DIN-

35

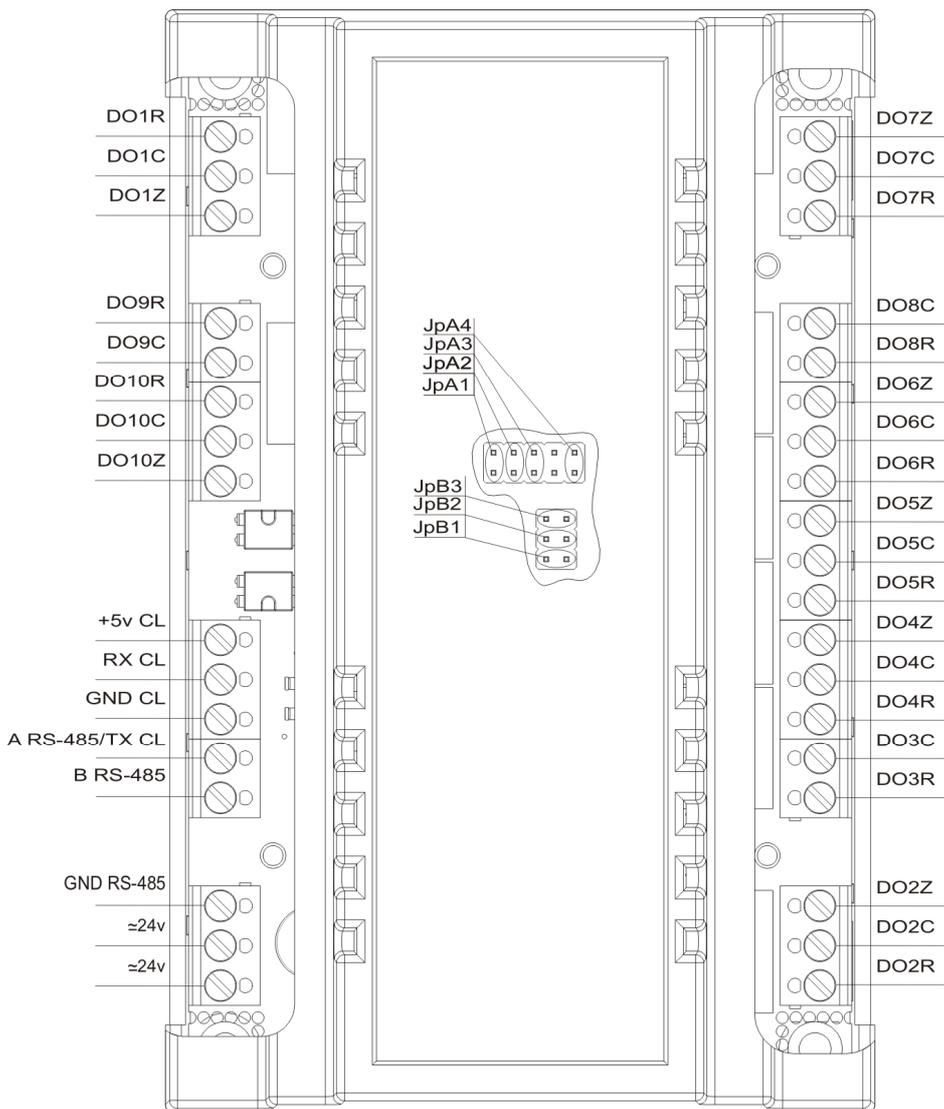
a

RS-485,

« »,

. 1,

. 2.



1 -

JpA1 - JpA4 -  
 JpB1 - JpB3 -

≈24v	~12...24 -16...34	DO8C	8C
≈24v	~12...24 -16...34	DO8R	8R
GND RS-485	RS-485	DO6Z	6Z
B RS-485	RS-485(B)	DO6C	6C
A RS-485/TX CL	RS-485(A)	DO6R	6R
DO10Z	10Z	DO5Z	5Z
DO10C	10C	DO5C	5C
DO10R	10R	DO5R	5R
DO9C	9C	DO4Z	4Z
DO9R	9R	DO4C	4C
DO1Z	1Z	DO4R	4R
DO1C	1C	DO3C	3C
DO1R	1R	DO3R	3R
DO7Z	7Z	DO2Z	2Z
DO7C	7C	DO2C	2C
DO7R	7R	DO2R	2R

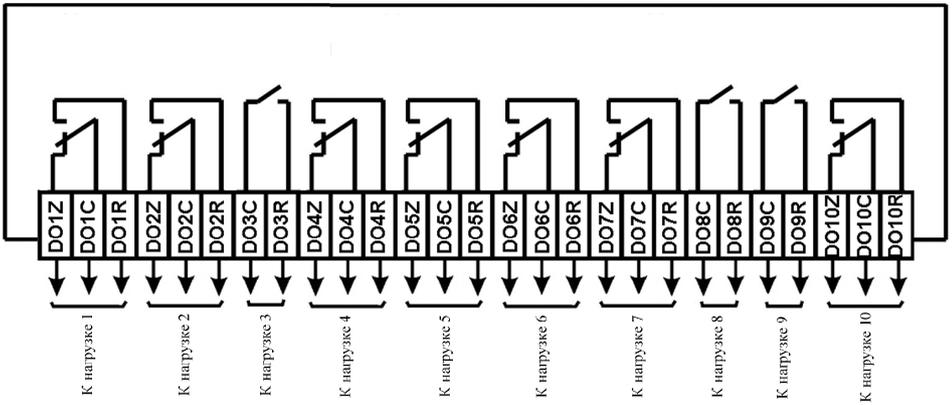
4.

4.1.

(Z, C, R) :

- Z -
- C -
- R -

. 2



4.2.

1.

JpA1 – JpA4

. 3

3

	<b>JpA4</b>	<b>JpA3</b>	<b>JpA2</b>	<b>JpA1</b>
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

: 0/1 –

/

2.

JpA1 – JpA4.

)

4096 (0 1000)

1

(1...247)

4.3.

RS-485

1.

JpB1 – JpB3

. 4

	<b>JpB3</b>	<b>JpB2</b>	<b>JpB1</b>
300bps	0	0	1
1200bps	0	1	0
2400bps	0	1	1
9600bps	1	0	0
19200bps	1	0	1
57600bps	1	1	0
115200bps	1	1	1

0/1 - /

2.

JpB1 – JpB3.

4097 (0 1001)

(0...12). . 5

300bps	0
600bps	1
1200bps	2
2400bps	3
4800bps	4
9600bps	5
14400bps	6
19200bps	7
28800bps	8
38400bps	9
57600bps	10
76800bps	11
115200bps	12

9600bps

5.  
5.1.

**RS-485**

ModBus:

1. Read Coils ( 1 (0x01)).
2. Read Holding Registers ( 3 (0x03)).
3. Write Single Coil ( 5 (0x05)).
4. Write Single Register ( 6 (0x06)).
5. Write Multiple Coils ( 15 (0x0F)).
6. Write Multiple Registers ( 16 (0x10)).

, 0, « », 1, 2 (0 02)  
6

/	
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10

6

6.1 0010 — 12

6.2 0010 — 12

6.3

6.4

6.5.

6.6.

6.6.1.

6.6.2.

6.6.3

6.6.4.

6.7

220036, . , 6. « . / : 8-017-213-60-

60.

212030 . 63 204 / 8-0222-29-99-81

7

0010

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( )

( )

8

8.1

0010

- 1)
  - ;
  - 2)
  - 3)
- 8.2

( )

7

7


9

8.

8

, /	9600
,	8
-	1
	1

9.

9

	HEX			
		0x01	0 0F	
	0x02	0x03	0 05 0x06 0x10	16
	0x900	0x03	-	16
	0 901	0x03	-	16
	0 902	0x03	-	16
. . 4	0 1000	0x03	0x06 0x10	16
. . 5-6	0x1001	0x03	0x06 0x10	16
	-	0x11	-	15