

1503

/

1

RS-485

RS-485.

-
-
-

5 50 ° ;
 80% 35 ° ;
 86 106,7 .

2

1

	12...24
	16...34 47...63 () 24
	6
	15
	. . 2
	3
()	7 240 50 10 24
	RS-485
RS-485, /	115200
	ModBus-RTU
	IP20
	140 90 63
	0,5
	8

2

	24
	8
	n-p-n - ()

3.

DIN-

35

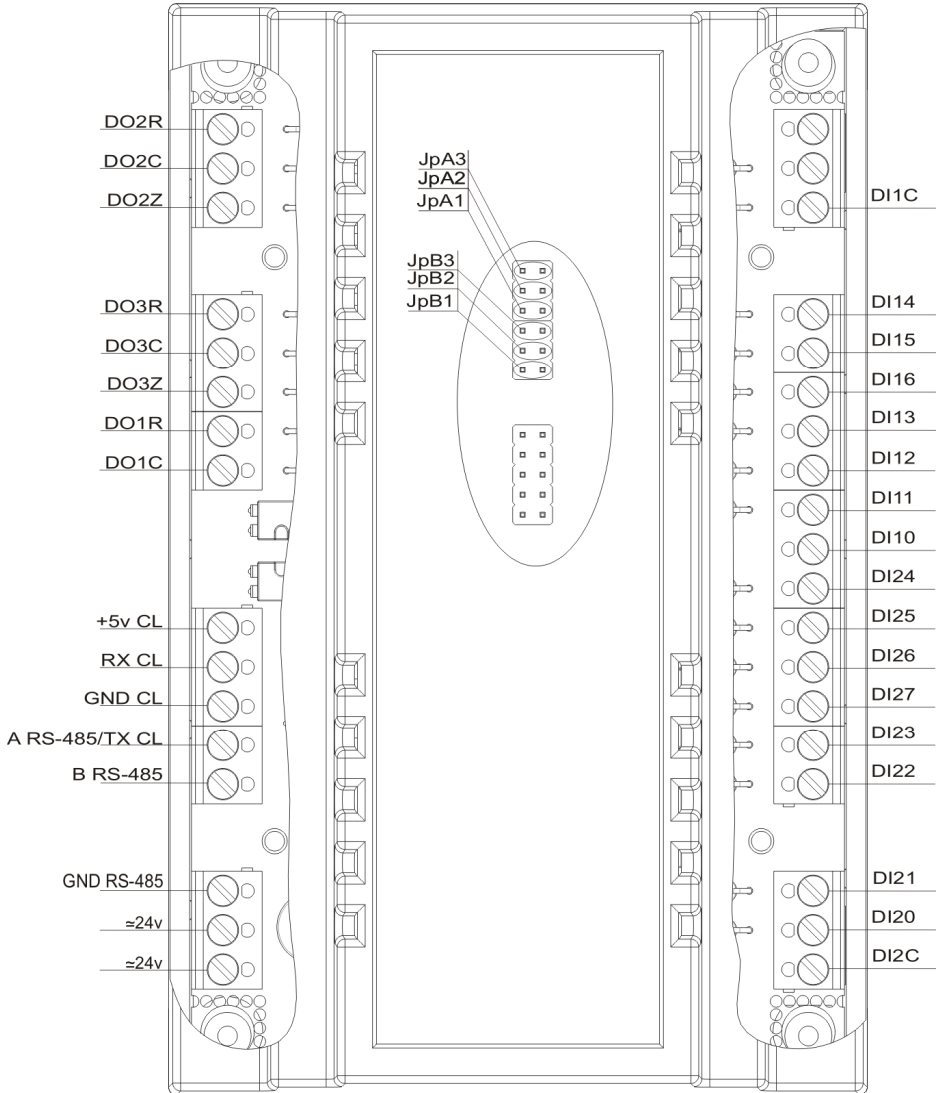
a

RS-485,

« »,

. 1,

. 3.



1 -

JpA1 - JpA3 -
 JpB1 - JpB3 -

≈24v	~12...24 -16...34	DI14	4 .1
≈24v	~12...24 -16...34	DI15	5 .1
GND RS-485	RS-485	DI16	6 .1
B RS-485	RS-485(B)	DI13	3 .1
A RS-485/TX CL	RS-485(A)	DI12	2 .1
DO1C	1C	DI11	1 .1
DO1R	1R	DI10	0 .1
DO3Z	3Z	DI24	4 .2
DO3C	3C	DI25	5 .2
DO3R	3R	DI26	6 .2
DO2Z	2Z	DI27	7 .2
DO2C	2C	DI21	1 .2
DO2R	2R	DI20	0 .2
DI1C	1 .	DI2C	2 .

4.

4.1.

2

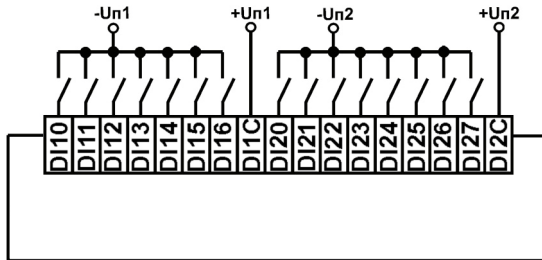
«DI()C»,

- DI10 – DI16 «DI1C»;
- DI20 – DI27 «DI2C».

U 1, U 2

24±3

. 2



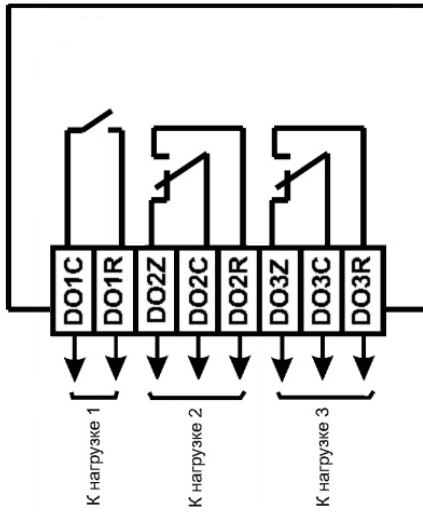
2 -

4.2.

(Z, C, R)

- Z -
- C -
- R -

. 3



3 –

4.3.

1.

JpA1 – JpA3

.4

4

	JpA3	JpA2	JpA1
1	0	0	1
2	0	1	0
3	0	1	1
4	1	0	0
5	1	0	1
6	1	1	0
7	1	1	1

: 0/1 –

/

2.

JpA1 – JpA3.

4096 (0 1000)

1

(1...247)

1.

JpB1 – JpB3

.5

	JpB3	JpB2	JpB1
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

5

0/1 –

/

2.

JpB1 – JpB3.

4097 (0 1001)

(0...12).

.6

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

6

9600bps

5.
5.1.

RS-485

ModBus:

- 1. Read Discrete Inputs (2 (0x02)).
- 2. Read Holding Registers (3 (0x03)).
- 0, « », 1,
- 7 « ». 0 (0 00)

/		/	
0	DI10	8	DI21
1	DI11	9	DI22
2	DI12	10	DI23
3	DI13	11	DI24
4	DI14	12	DI25
5	DI15	13	DI26
6	DI16	14	DI27
7	DI20		

5.2.

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,
- 8 « ». 2 (0 02)

/	
0	1
1	2
2	3

6

- 6.1 1503 — 12
- 6.2 1503 — 12
- 6.3 -

6.4

6.5.

6.6.

6.6.1.

6.6.2.

6.6.3

6.6.4.

6.7

60.

220036, . , 6. « » / : 8-017-213-60-
212030 . 63 204 / 8-0222-29-99-81

7

1503

()

()

8

8.1

1503

1)

()

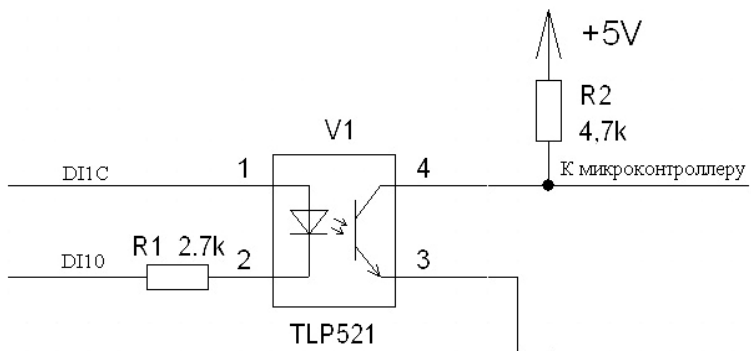
2)

3)

8.2

9

4.



4 –

10.

10

	9600
	8
-	1
	1

11.

11

	HEX			
	0x00	0x02	-	
		0x03	-	16
		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	-	22