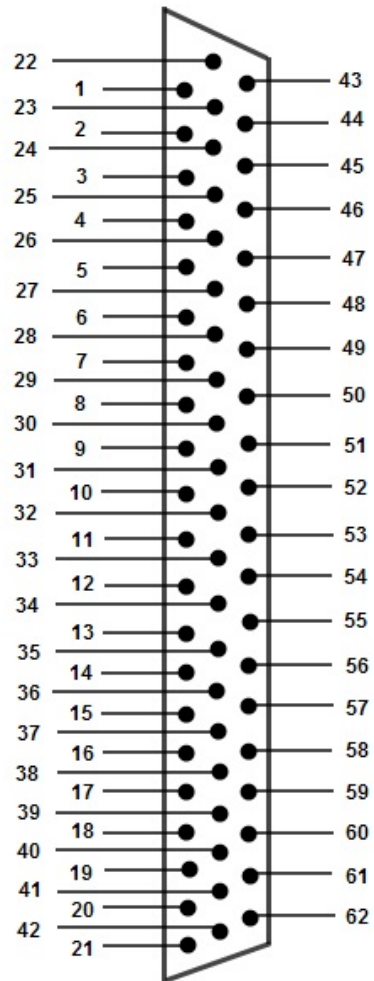
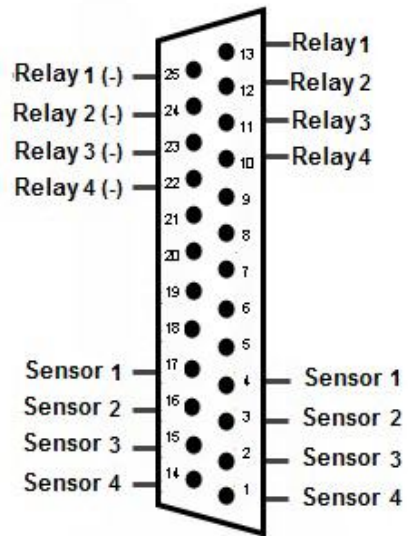


Electrical and technical specifications of SL USBIO (4x4, 16x8 and 24x4) card

Pinout of an external pin of the SL USBIO card is given in the figure.



Pinout of an external pin of SL USBIO 16x8 and USBIO 24x4 cards.



Description of channels of SL USBIO 16x8 and SL USBIO 24x4 cards is given in the table.

USBIO 16x8				USBIO 24x4			
Contact	Application	Contact	Application	Contact	Application	Contact	Application
1	Sensor 1	32	Sensor 14	1	Sensor 1	32	Sensor 14
2	Sensor 1	33	Sensor 14	2	Sensor 1	33	Sensor 14
3	Sensor 2	34	Sensor 15	3	Sensor 2	34	Sensor 15
4	Sensor 2	35	Sensor 15	4	Sensor 2	35	Sensor 15
5	Sensor 3	36	Sensor 16	5	Sensor 3	36	Sensor 16
6	Sensor 3	37	Sensor 16	6	Sensor 3	37	Sensor 16
7	Sensor 4	38	Not used	7	Sensor 4	38	Not used
8	Sensor 4	39	Not used	8	Sensor 4	39	Not used
9	Sensor 5	40	Not used	9	Sensor 5	40	Not used
10	Sensor 5	41	Relay 3 (+)	10	Sensor 5	41	Relay 3 (+)
11	Sensor 6	42	Relay 3 (-)	11	Sensor 6	42	Relay 3 (-)
12	Sensor 6	43	Not used	12	Sensor 6	43	Sensor 17
13	Sensor 7	44	Not used	13	Sensor 7	44	Sensor 17
14	Sensor 7	45	Not used	14	Sensor 7	45	Sensor 18
15	Sensor 8	46	Not used	15	Sensor 8	46	Sensor 18
16	Sensor 8	47	Not used	16	Sensor 8	47	Sensor 19

17	Not used	48	Not used	17	Not used	48	Sensor 19
18	Relay 1 (+)	49	Not used	18	Relay 1 (+)	49	Sensor 20
19	Relay 1 (-)	50	Not used	19	Relay 1 (-)	50	Sensor 20
20	Relay 2 (+)	51	Relay 5 (+)	20	Relay 2 (+)	51	Sensor 21
21	Relay 2 (-)	52	Relay 5 (-)	21	Relay 2 (-)	52	Sensor 21
22	Sensor 9	53	Relay 6 (+)	22	Sensor 9	53	Sensor 22
23	Sensor 9	54	Relay 6 (-)	23	Sensor 9	54	Sensor 22
24	Sensor 10	55	Relay 7 (+)	24	Sensor 10	55	Sensor 23
25	Sensor 10	56	Relay 7 (-)	25	Sensor 10	56	Sensor 23
26	Sensor 11	57	Relay 8 (+)	26	Sensor 11	57	Sensor 24
27	Sensor 11	58	Relay 8 (-)	27	Sensor 11	58	Sensor 24
28	Sensor 12	59	Not used	28	Sensor 12	59	Not used
29	Sensor 12	60	Not used	29	Sensor 12	60	Not used
30	Sensor 13	61	Relay 4 (+)	30	Sensor 13	61	Relay 4 (+)
31	Sensor 13	62	Relay 4 (-)	31	Sensor 13	62	Relay 4 (-)

Electrical and technical specifications of SL USBIO card are given in the table.

Parameter	Characteristic
Polling interval for all alarm inputs	250 ms for all contacts. Not configured.
Galvanic isolation of input/output	1000 V
Interface connection to PC	USB 2.0 up to 5 m
Alarm contacts	<ul style="list-style-type: none"> • Maximum current – 0.5 A • Voltage – 100 V • Power – 10 W
Relay contacts	<ul style="list-style-type: none"> • Permissible voltage - up to 80 V • Minimum triggering voltage - 1.0 V • Minimum triggering current - 5 ma
Real-time clock for event logging	Yes
ROM	For 1000 alarm events
Power supply	Using USB port or PSU, voltage - 9-50 V, consumption - 500 ma