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## **BSR-8017**

## Addressable input-output unit

TECHNICAL CHARACTERISTICS					
OPERATION VOLTAGE	21-28V				
STANDBY CONSUMPTION	1mA				
CONSUMPTION WITH INPUT ACTIVATED	1mA (with LED activated)				
CONSUMPTION WITH OUTPUT ACTIVATED	1mA (with LED activated)				
USE	Indoor				
DEGREES OF COVER PROTECTION	IP 20				
PRODUCED IN ACCORDANCE WITH	EN 54-18				
OPERATION TEMPERATURE RANGE	-10 to 60 °C				
RELATIVE HUMIDITY	Up to 95%				
CONSTRUCTION MATERIALS	Bayblend FR3010				
EXTERNAL DIMENSIONS	116x73x50mm				
TYPICAL WEIGHT	130gr.				
GUARANTEE	2 years				

Thank you for purchasing this product of Olympia Electronics. A European manufacturer. **GENERAL** 

BSR-8017 is an addressable input-output unit which is recognized and programmed from the panel BSR-2100. We use the input for connecting to the loop conventional devices which have a free contact (like conventional fire detection panel or flow switches). The input unit can send to the panel, with the suitable connection, three different modes. Quiescent, fault and alarm. The output unit has a relay (30V/1A) which is programmed from the panel.

A red colored LED that blinks periodically in standby mode, is a power indication LED and indicator for the good operation of the device.

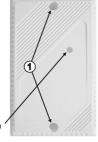
When a device issues an alarm the LED lights. When we salience the sirens, the LED remains lit to show us the device that issued the alarm. The LED goes off when we RESET the panel. Each device has an address with which it is recognized from the panel. It's forbidden for two devices with same addresses to be connect to the same loop. The back page contains all the available address settings which are done using the dipswitch.

On each panel we can connect up to 127 input-output devices.

## **INSTALLATION (vertical only)**

- 1. Unfasten the two screws of the plastic cover.
- **2**. Place the plugs to the mounting surface and install the base with the mounting screws.
- **3**. Pass the cables thru the entries and perform the required connections (page 2).
- 4. Refit the plastic cover with the removed screws in step 1.

NOTE!!! All the installation parts are included.





Indication LED

## Certification

The Addressable input-output unit BSR-8017 is certified from H.E.E.Q.A.C. Also H.E.E.Q.A.C. controls the production under CPR number:

BSR-8017 ADDRESSABLE INPUT-OUTPUT UNIT 0848-CPR-012

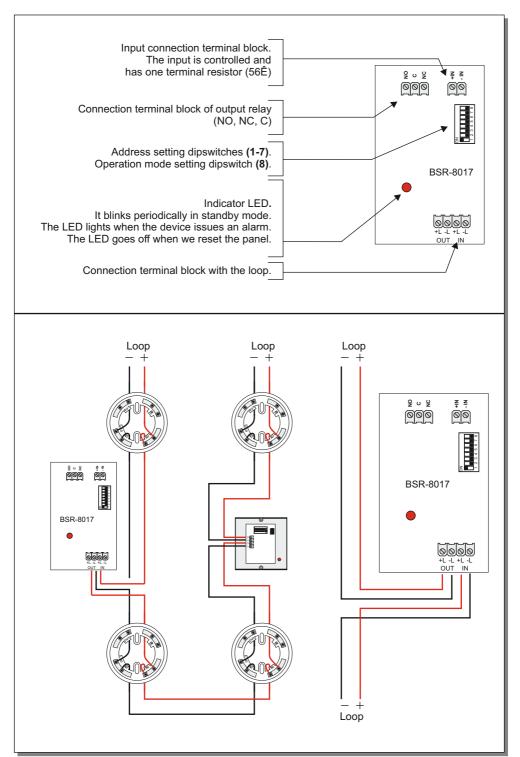
EN-54-18: 2005

KOLINDROS PIERIAS 60061 GREECE



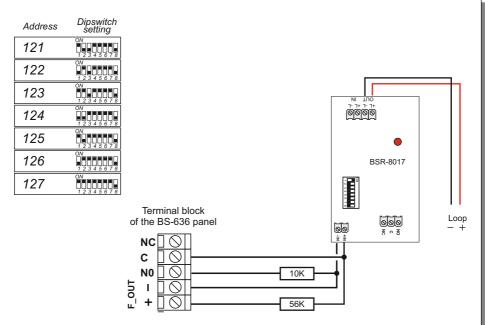
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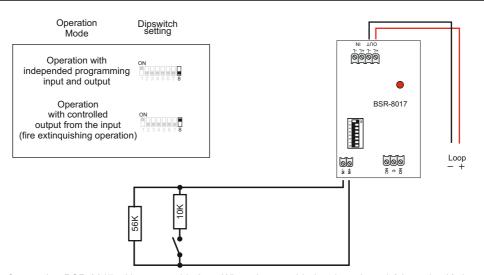


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Address	Dipswitch setting	Address	Dipswitch setting	Address	Dipswitch setting	Address	Dipswitch setting
1	12345678	31	0N	61	12345678	91	ON 12345678
2	12345678	32	12345678	62	12345678	92	12345678
3	12345678	33	12345678	63	12345678	93	12345678
4		34		64	12345678	94	12245678
5	12345678	35	0N 12345678	65	0N 12345678	95	12245678
6	12345678	36		66	0N 12345678	96	0N 12345678
7		37		67	000000000000000000000000000000000000000	97	
8		38	0N 1 2 3 4 5 6 7 8	68	0N 12345678	98	0N 1 2 3 4 5 6 7 8
9		39		69	W 1234567	99	
10	12345678	40	12345678	70	12345678	100	1 2 3 4 5 6 7 8
11	12345678	41	0N 12345678	71	ON 12.3.4.5.6.7.8	101	0N 1 2 3 4 5 6 7 8
12	12345678	42	12345678	72	12345678	102	12345678
13	12345678	43	0N 1 2 3 4 5 6 7 8	73	0N 12345678	103	0N 1 2 3 4 5 6 7 8
14	12345678	44	0N	74	0N	104	0N
15	12345678	45	0N 12345678	75	0N 12345678	105	0N 1 2 3 4 5 6 7 8
16	0N 12345678	46	0N 1 2 3 4 5 6 7 8	76	0N 1 2 3 4 5 6 7 8	106	0N 1 2 3 4 5 6 7 8
17	0N 12345678	47	0N 12345678	77	ON 12 3 4 5 6 7 8	107	ON 1 2 3 4 5 6 7 8
18	0N 12345678	48	0N 1 2 3 4 5 6 7 8	78	0N 12345678	108	0N 1 2 3 4 5 6 7 8
19	0N 1 2 3 4 5 6 7 8	49	0N 1 2 3 4 5 6 7 8	79	ON 1 2 3 4 5 6 7 8	109	ON 1 2 3 4 5 6 7 8
20	12345678	50	0N 12345678	80	0N	110	0N 1 2 3 4 5 6 7 8
21	ON 1 2 3 4 5 6 7 8	51	0N 1 2 3 4 5 6 7 8	81	ON 1 2 3 4 5 6 7 8	111	ON 1 2 3 4 5 6 7 8
22	ON 1 2 3 4 5 6 7 8	52	ON 1 2 3 4 5 6 7 8	82	ON 1 2 3 4 5 6 7 8	112	ON 1 2 3 4 5 6 7 8
23	ON 1 2 3 4 5 6 7 8	53	0N 1 2 3 4 5 6 7 8	83	ON 1 2 3 4 5 6 7 8	113	ON 1 2 3 4 5 6 7 8
24	ON 1 2 3 4 5 6 7 8	54	ON 1 2 3 4 5 6 7 8	84	ON 1 2 3 4 5 6 7 8	114	ON 1 2 3 4 5 6 7 8
25	ON 1 2 3 4 5 6 7 8	55	ON 1 2 3 4 5 6 7 8	85	ON 1 2 3 4 5 6 7 8	115	ON 1 2 3 4 5 6 7 8
26	ON 1 2 3 4 5 6 7 8	56	ON 1 2 3 4 5 6 7 8	86	ON 1 2 3 4 5 6 7 8	116	ON 1 2 3 4 5 6 7 8
27	ON 1 2 3 4 5 6 7 8	57	ON 1 2 3 4 5 6 7 8	87	ON 1 2 3 4 5 6 7 8	117	ON 1 2 3 4 5 6 7 8
28	ON 1 2 3 4 5 6 7 8	58	ON 1 2 3 4 5 6 7 8	88	ON 1 2 3 4 5 6 7 8	118	ON 1 2 3 4 5 6 7 8
29	ON 12 3 4 5 6 7 8	59	ON 12345678	89	12345678	119	ON 1 2 3 4 5 6 7 8
30	ON 1 2 3 4 5 6 7 8	60	ON 1 2 3 4 5 6 7 8	90	ON 1 2 3 4 5 6 7 8	120	ON 1 2 3 4 5 6 7 8



Connection BSR-8017 with a BS-636 panel. Using the Alarm and Fault relay. With this connection, when the BS-636 panel detects a fault the device BSR-8017 sends a fault signal to the main panel and when the BS -636 panel detects an alarm the device BSR-8017 sends an alarm signal.



Connection BSR-8017 with an override key. When the override key is activated (short circuit) the output of the device does not operate and on the panel appears the indication ''DISABLEMENTS''. The device BSR-8017 must have the dipswitch 8 in the position ON. It can be used on fire extinguishing system.

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