

# BSR-8019/A Addressable input unit with auxiliary relay



## TECHNICAL CHARACTERISTICS

OPERATION VOLTAGE	21-28V
STANDBY CONSUMPTION	1mA
CONSUMPTION WITH INPUT ACTIVATED	1mA (with LED activated)
CONSUMPTION WITH RELAY 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

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**Olympia Electronics - European manufacturer**

## GENERAL

We use the addressable input unit with auxiliary relay for connecting to the loop various of inputs. Also the gas detectors BS-685 and BS-686 can be connected.

The device has a controlled input, monitored for short circuits and open circuits. Also the device has a relay (1A/30V) that is activated for 5 seconds after the reset of the panel (when the dipswitch 8 is in OFF position). The panel references the input unit with the name "INPUT xxx" (xxx is the setting address of the device). A red coloured 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 constantly. When we silence 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 by using the dipswitches.

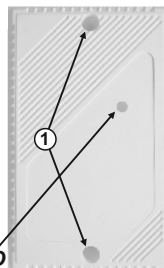
On each panel we can connect up to 127 input devices with auxiliary relay.

## 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 through the entries and perform the required connections (page 2).
4. Refit the plastic cover with the removed screws in step1.

**NOTE!!!** All the installation parts are included.

Indication LED



## Certification

The Addressable input unit with auxiliary relay BSR-8019/A is certified from H.E.E.Q.A.C. Also H.E.E.Q.A.C. controls the production under CPR number:

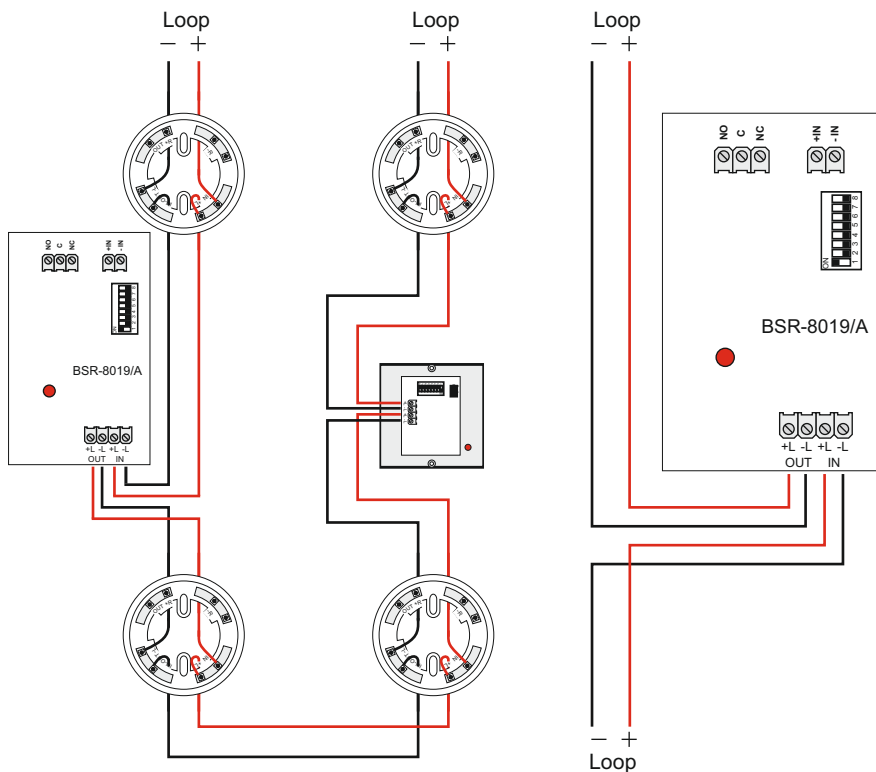
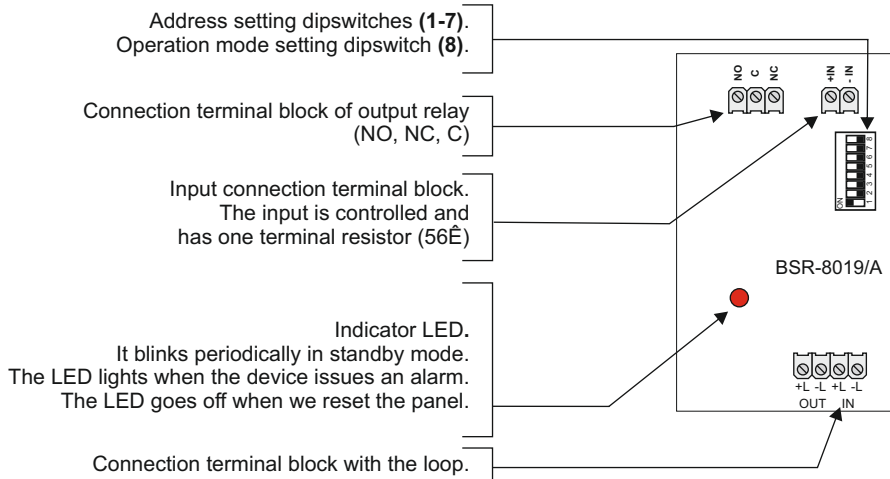
**BSR-8019/A ADDRESSABLE  
INPUT UNIT WITH AUXILIARY RELAY**



**0848-CPR-021**

**16**

**EGINIO PIERIAS  
60300 GREECE**



Address	Dipswitches settings	Address	Dipswitches settings	Address	Dipswitches settings	Address	Dipswitches settings
1		33		65		97	
2		34		66		98	
3		35		67		99	
4		36		68		100	
5		37		69		101	
6		38		70		102	
7		39		71		103	
8		40		72		104	
9		41		73		105	
10		42		74		106	
11		43		75		107	
12		44		76		108	
13		45		77		109	
14		46		78		110	
15		47		79		111	
16		48		80		112	
17		49		81		113	
18		50		82		114	
19		51		83		115	
20		52		84		116	
21		53		85		117	
22		54		86		118	
23		55		87		119	
24		56		88		120	
25		57		89		121	
26		58		90		122	
27		59		91		123	
28		60		92		124	
29		61		93		125	
30		62		94		126	
31		63		95		127	
32		64		96			

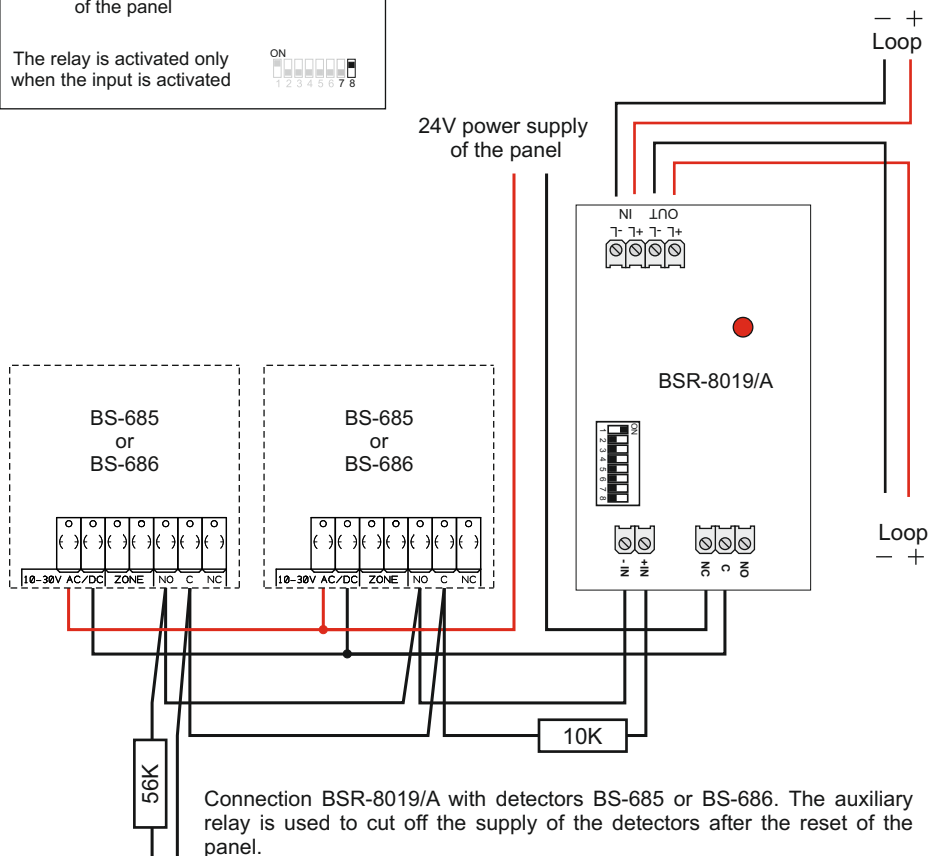
## Operation Mode

## Dipswitch setting

The relay is activated for 5 seconds after the reset of the panel



The relay is activated only when the input is activated



Connection BSR-8019/A with detectors BS-685 or BS-686. The auxiliary relay is used to cut off the supply of the detectors after the reset of the panel.

## WARRANTY

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid. Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

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