

SESAM 506- Door opening system

TRANSMITTER

The transmitter operates on a 9V alkaline battery. Pushbutton 1, 4 = OPEN, button 2, 5 = CLOSE, button 3, 6 = STOP

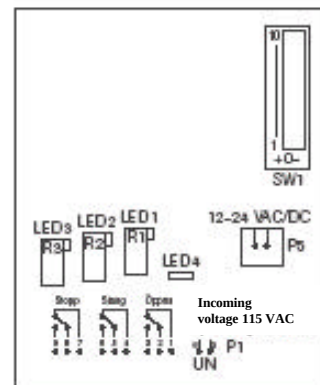
RECEIVER

The permanent installation of the building must submit fuses, which protects the equipment and wiring from over-current and short-circuit. The power supply of the equipment and all relay-contacts must be fused.

All that fuses are used as separation devices. They must be easily accessible, must submit a contact-gap of at least 3.0 mm and has to be placed in the line pole (L).

After the installation of the equipment, the installed cables must be bound together (e.g. by using a cable binder) very close to the terminal blocks.

If the receiver is mounting unprotected for rain it must be mounted horizontally.



Figur 1. Receiver 3 functions

CODING

The receiver and the transmitter have to be coded by the electrician. The transmitter and receiver are provided with 10-pole switches SW1 with 3 possible positions (+, 0, -).

Switch 1-3

The code is divided into two parts, area code and door code.

The area code (switch 1-3) has to be identical for all the transmitters and the receivers, which are to be working together.

Switch 4-10

Door codes are coded as example below.

Transmitter

Switch SW1				gives	Corresponding port number in the receiver	
7	8	9	10		Upper line	Lower line
-	-	-	0		1	2
-	-	0	0		4	5
-	-	+	0		7	8
-	0	-	0		10	11
-	0	0	0		13	14
-	0	+	0		16	17
-	+	0	0		22	23
-	+	+	0		25	26
0	-	-	0		28	29
0	-	0	0		31	32
0	0	0	0		40	41

In areas with more than 2 ports you have to code after the table. Switch 1-6 are coded identically in transmitter and receiver. The upper button line on the transmitter correspond to the lower port-number in the table. The lower button line on the transmitter correspond to the upper portnumber in the table.

Coding example receiver

Coding port 16. Code as illustration (9+6+1=16)

1	2	3	4	5	6	7	8	9	10
+				486	162	54	18	6	2
0			729	243	81	27	9	3	1
-									

The receivers code for port 16. The upper line in transmitter 506.

Coding port 17. Code as illustration. (9+6+2=17).

1	2	3	4	5	6	7	8	9	10
+				486	162	54	18	6	2
0			729	243	81	27	9	3	1
-									

The receivers code for port 17. The lower line in transmitter 506.

PLUG IN

Coding see above.

Plug in receiver

Incoming voltage 12-24 VAC or DC is connected to pin 5 and 6 (independent polarized). What concerns the relay outputs see figure 2.

For 1-relays receiver

With switch SW2 You can choose which push button on the transmitter which have to set function out on the receiver sees below.

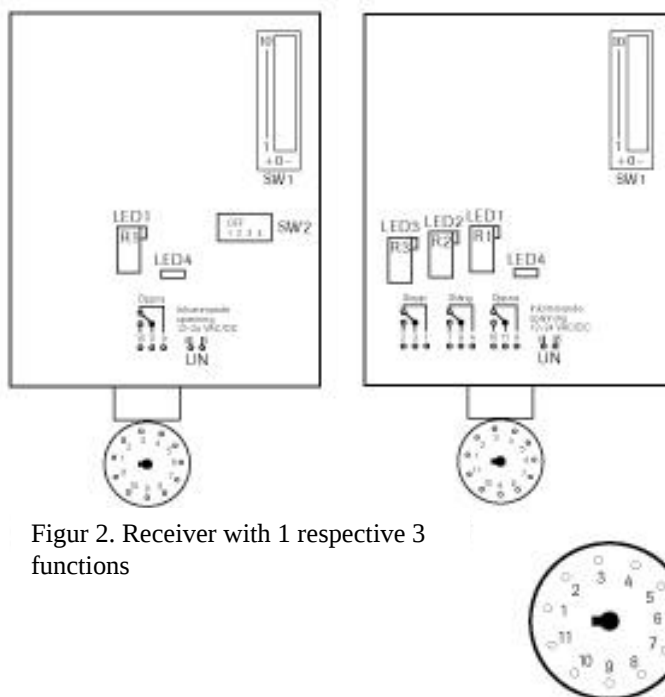


Figure 2. Receiver with 1 respective 3 functions

PLUG IN TRANSMITTER 506

SW2:1 ON other OFF	Button 1, 4
SW2:2 ON other OFF	Button 2, 5
SW2:3 ON other OFF	Button 3, 6

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.