

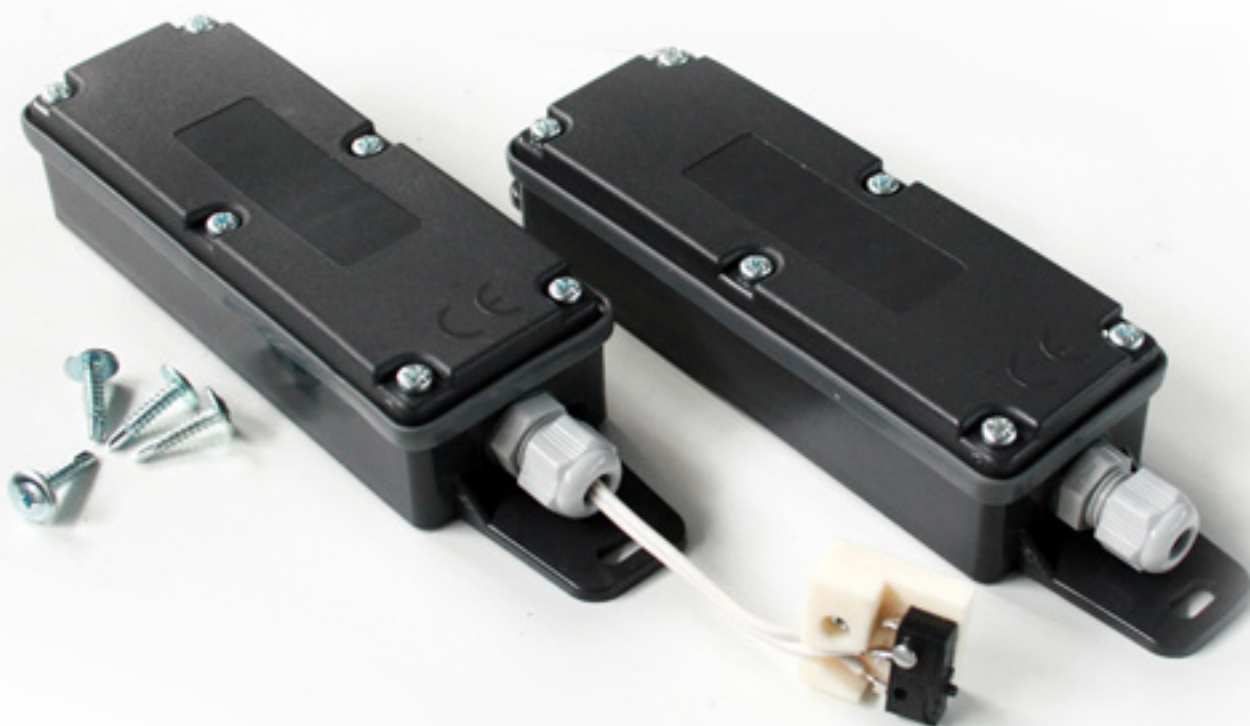
M A N U A L

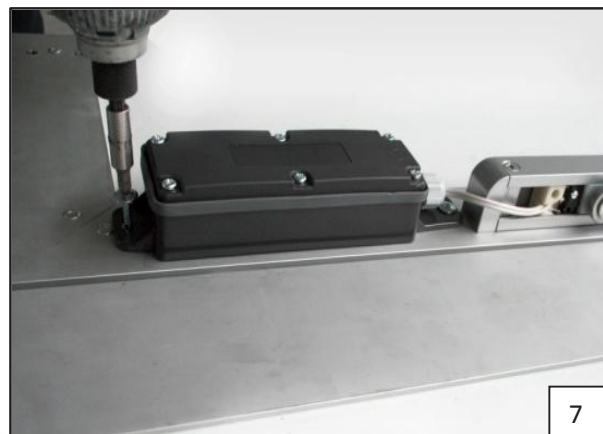
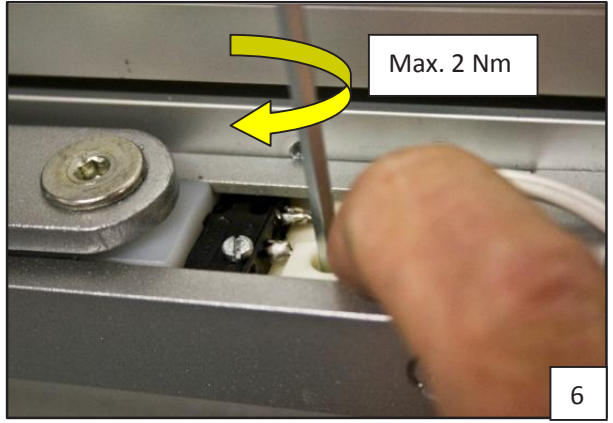
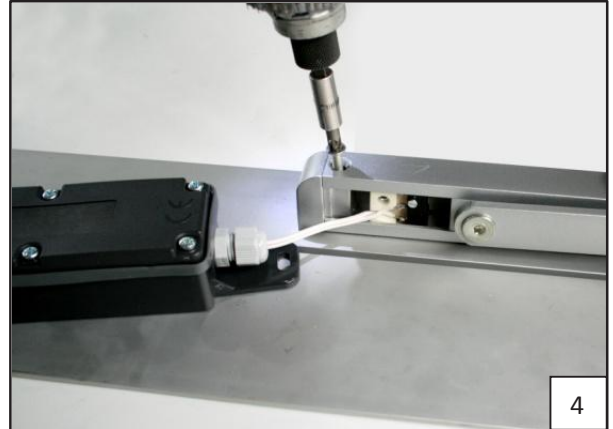
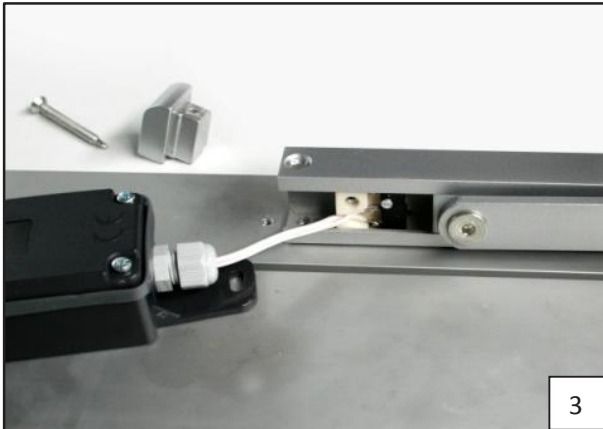
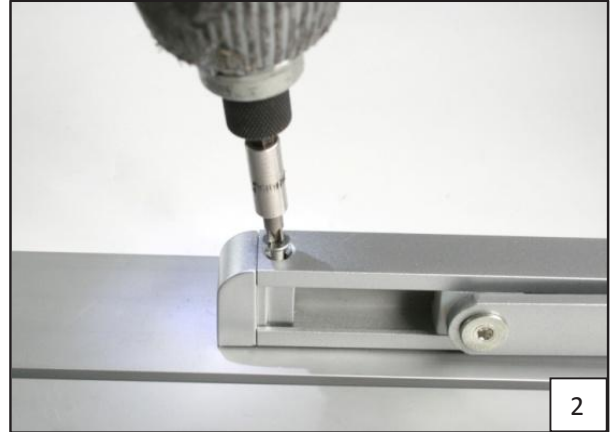
WIRELESS PASSDOOR SWITCH ON 1034FLN

1034-0SE



INSTALLATION / MAINTENANCE







The set is already programmed !

CONNECTIONS:

RECEIVER	FUNCTION	MOTOR
TERMINAL	12/24V	+VCC
TERMINAL	0V	GND
TERMINAL	C	PASSDOOR CONNECTION
TERMINAL 4	S	PASSDOOR CONNECTION

1. GENERAL

Radio transmission system for resistive safety edges. The system consists of a transmitter unit and a receiver unit.

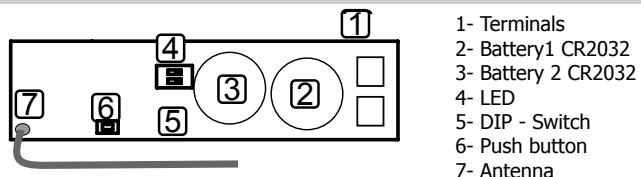
Important:

- Insert battery 1 first and then battery 2! Unless this order is observed, correct function is not guaranteed. The batteries must be suitable for use at temperatures of -20°C and above

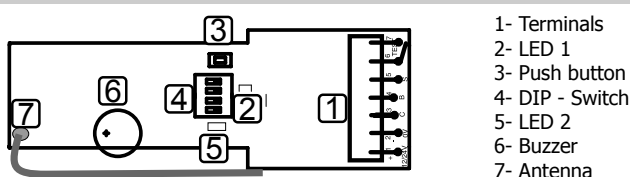
1.1 SAFETY INSTRUCTIONS

- Reaction time < 60ms (according TÜV test report AV86368T Certificate n° M6A 14 12 90800 001)
- EN13849-1 Cat2 PL-C with TEST.
- Device with SELV/PELV Power Supply

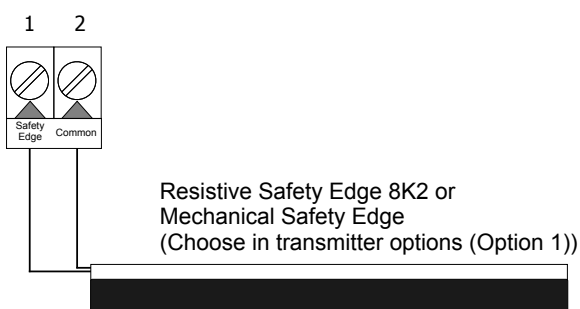
2.1 TRANSMITTER



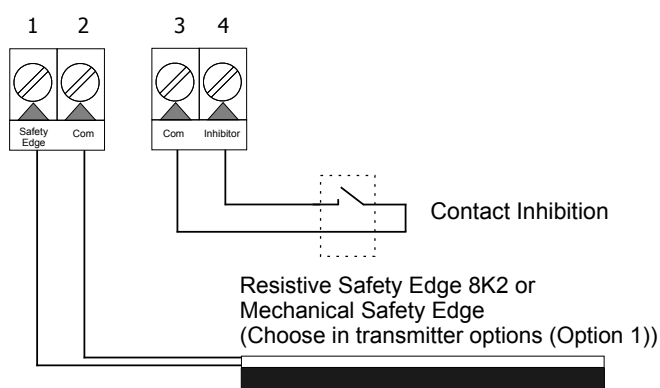
2.2 RECEIVER



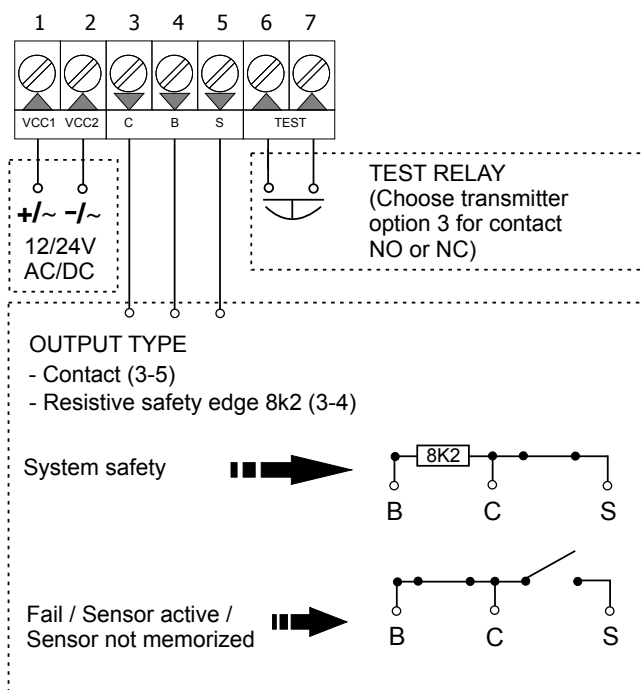
2.1.1 TRANSMITTER TYPICAL CONNECTIONS



2.1.1 OTHER TRANSMITTER CONNECTIONS



2.2.1 RECEIVER CONNECTIONS



2.2.2 LED INDICATOR

LED ON - Security OK

LED OFF - Obstacle detected

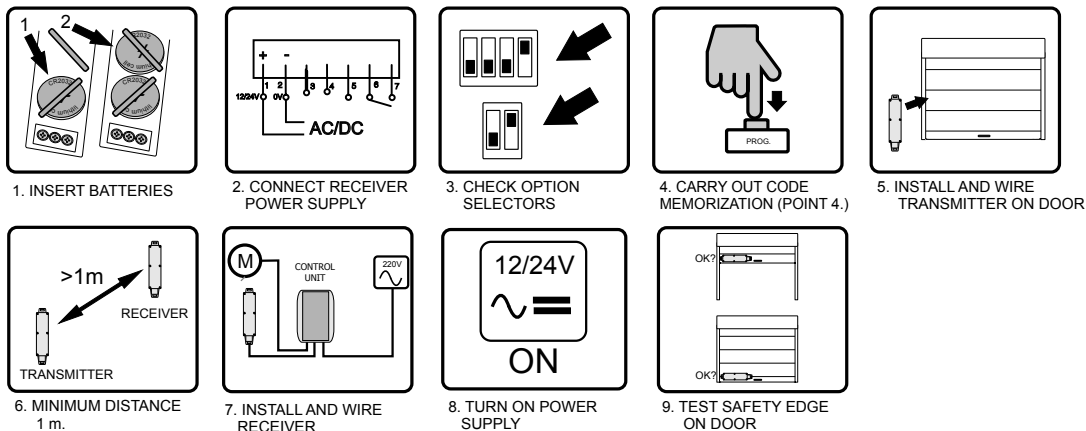
2.1.3 TRANSMITTER OPTION SELECTOR

SAFETY EDGE TYPE		Resistive safety edge
		Contact safety edge
TRANSMITTER FREQUENCY		869,85 Mhz (setting MUST match that of receiver)
		868,95 Mhz (setting MUST match that of receiver)

2.2.3 RECEIVER OPTION SELECTOR

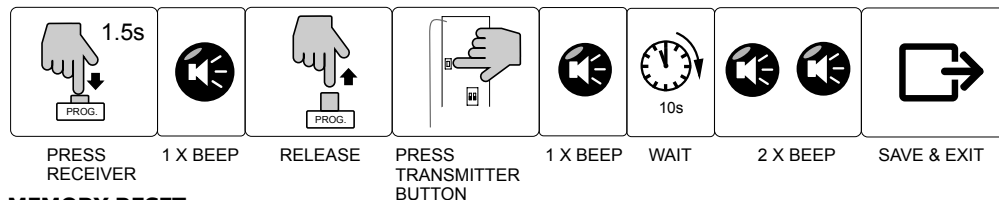
CLASS 2		Enabled (Conforms normative UNE-EN 13849-2)
		Disabled (Stock configuration)
TRANSMITTER FREQUENCY		869,85 Mhz (setting MUST match that of transmitter)
		868,95 Mhz (setting MUST match that of transmitter)
RECEIVER TYPE TEST		Normally Open contact
		Normally Close contact
AUTOMATIC FREQUENCY AGILITY		Enabled
		Disabled

3. START-UP

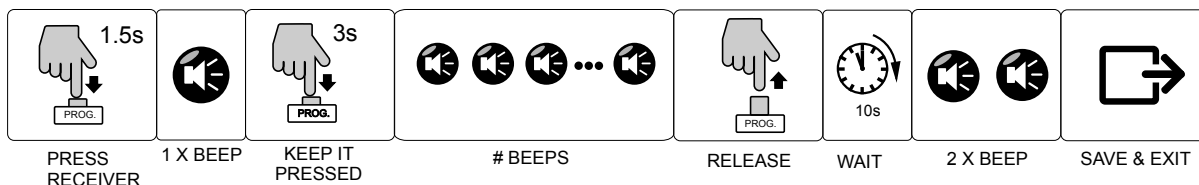


4. PROGRAMMING PROCESS

CODE MEMORIZATION



MEMORY RESET



MEMORY FULL INDICATOR

In case of full memory you will hear several acoustic signals for 10 seconds upon trying to memorize a new transmitter.

LOW BATTERY INDICATOR

Low battery indication consists on 4 acoustic sounds each time a message is received from a programmed transmitter. Both, warning LED and buzzer are set on simultaneously.

TECHNICAL SPECIFICATIONS

Receiver supply voltage	12/24 AC/DC
Transmitter supply voltage	2x lithium battery 3V DC type CR2032
Receiver memory	14 transmitters
Receiver Output	Relay, micro disconnection 1B
Receiver Power consumption	0.5 W - 12 V / 1,2 W - 24 V
Ball pressure test (IEC 695-10-2)	PCB (125°C) WRAP (75°C)
Pollution degree	2
Protection class (IEC 60529)	Ip55
Frequency Channels	868.95MHz & 869.85MHz
Range	100m
Working temperature	-35°C to +55°C
Software	Class A
Rated transient over voltage	330V
Transmitter power consumption	Transmitting 17mA / stand by 16uA
Machine Security Normative	13849-2008 PL-C Category 2, with TEST
Reaction time	60 ms (according TÜV test report AV86368T Certificate nº M6A 14 12 90800 001)

CE DECLARATION OF CONFORMITY

Aplicaciones electrónicas y de Radiofrecuencia S.L. Pol. Sot dels Pradals C/ Sot dels pradals, 4 08500 Vic (Barcelona) B61840732 DECLARES, under her own responsibility that product complies with the requirements of the R&TTE 99/05/CE European parliament directive of March 9th 1999. This directive was transposed to the Spanish legislation by means of Real Decree 1890/2000 in November 20th of 2000. For more information visit the website www.aerf.eu

WARNING!!

- Installation, start-up, modification and retrofitting of the system may only be carried out by a qualified person.
- Switch off the operating voltage before working on the system.
- The system doesn't have fuse protection. Is recommended include exterior protection minimum 100mA and maximum 250mA.

