

1. GENERAL

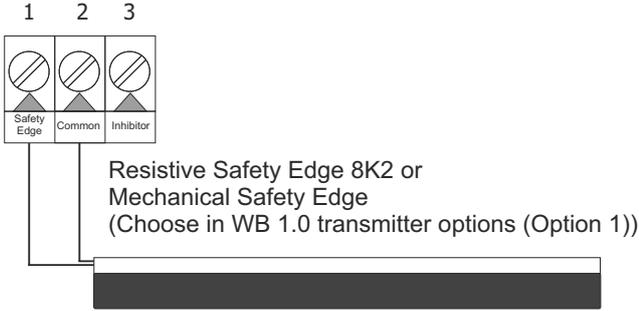
SRT BAND receiver, for transmitters WIRELESSBAND 1.0, 1.3 and 2.F wireless communication.

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

2. TRANSMITTER WIRELESSBAND 1.0

2.1 TRANSMITTER WB 1.0 TYPICAL CONNECTION

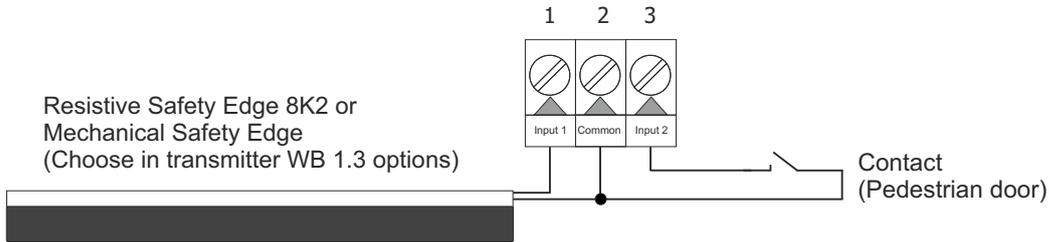


2.2 TRANSMITTER WB 1.0 OPTIONS SELECTOR

SAFETY EDGE TYPE		Resistive Safety Edge
		Mechanical Safety Edge
TRANSMITTER FREQUENCY		869,85 Mhz (setting MUST match that of receiver)
		868,95 Mhz (setting MUST match that of receiver)

3. TRANSMITTER WIRELESSBAND 1.3

3.1 TRANSMITTER WB 1.3 TYPICAL CONNECTION



3.2 TRANSMITTER WB 1.3 OPTIONS SELECTOR

SAFETY EDGE TYPE (Input 1)		Resistive Safety Edge
		Mechanical Safety Edge (N.C.)*
SAFETY EDGE TYPE (Input 2)		Resistive Safety Edge
		Mechanical Safety Edge (N.C.)*

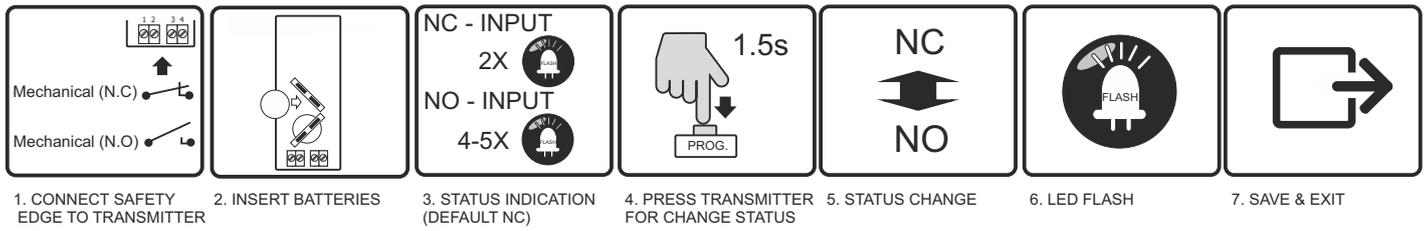
* To change contact from NC to NO, follow point 3.4

3.3 TRANSMITTER WB 1.3 OPTIONS COMBINATION

	Input 1	Common	Common	Input 2
	8K2		8K2	
				*
	8K2			*
				*

* To change contact from NC to NO, follow point 3.4

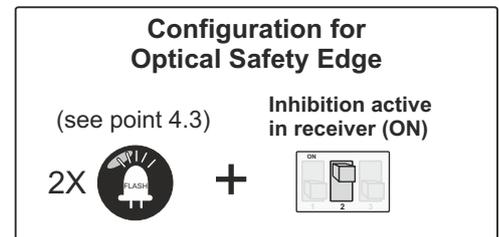
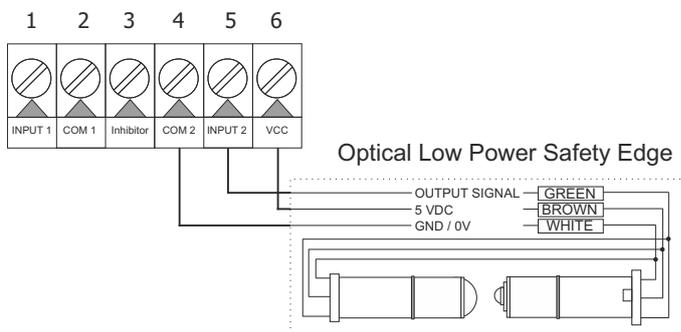
3.4 SAFETY EDGE INPUT TYPE SELECTION N.C. or N.O.



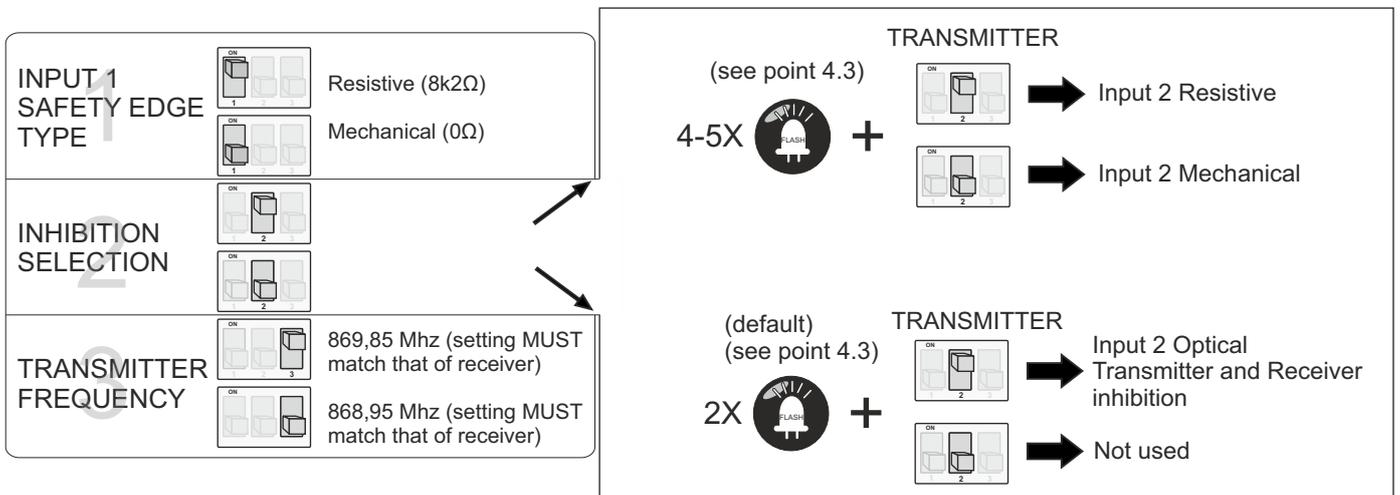
NOTE: You have 10 seconds after launch to make the change of safety edge INPUT TYPE

4. TRANSMITTER WIRELESSBAND 2.F

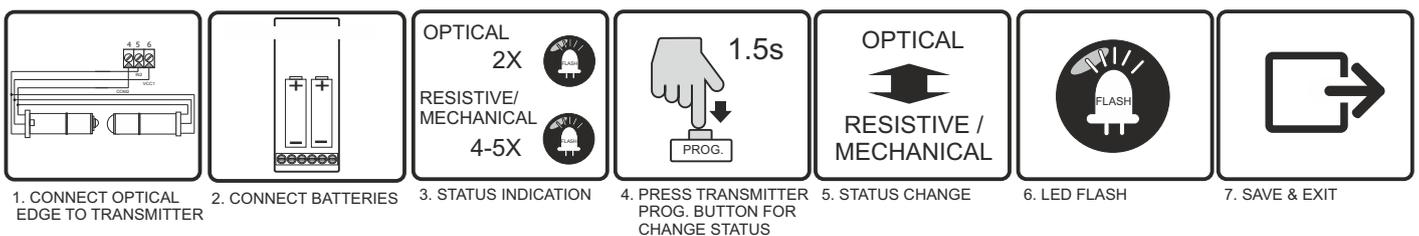
4.1 TYPICAL CONFIGURATION FOR Optical Low Power Safety Edge (TRANSMITTER)



4.2 TRANSMITTER WB 2.F OPTIONS SELECTOR



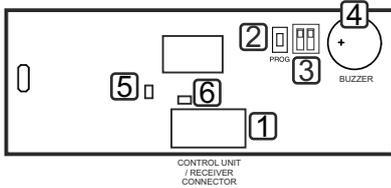
4.3 Input 2 LOW POWER OPTICAL SAFETY EDGE or RESISTIVE PROGRAMMING PROCESS



NOTE: You have 10 seconds after launch to make the change of safety edge status.

5. SRT BAND RECEIVER

5.1 SRT BAND RECEIVER



- 1- Connector
- 2- Button prog.
- 3- DIP - Switch
- 4- Buzzer
- 5- LED Band
- 6- LED STOP

5.2 SRT BAND OPTIONS 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)

5.3 SRT BAND LED INDICATOR

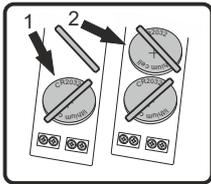


LED ON - Security OK

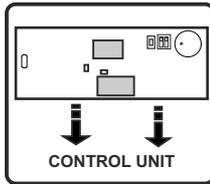


LED OFF - Obstacle detected

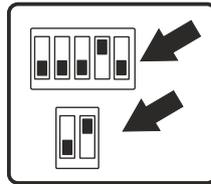
6. START-UP



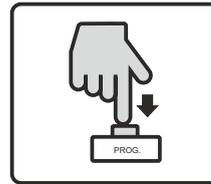
1. INSERT BATTERIES



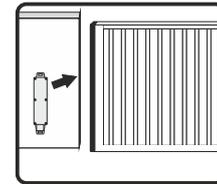
2. CONNECT SRT BAND TO CONTROL UNIT



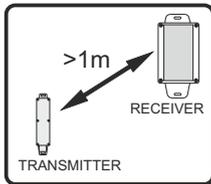
3. CHECK OPTION SELECTORS



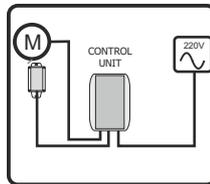
4. CARRY OUT PROGRAMMING PROCESS (POINT 7.)



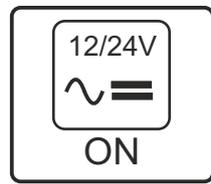
5. INSTALL AND WIRE TRANSMITTER ON DOOR



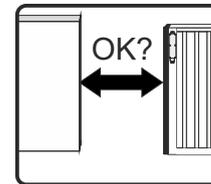
6. MINIMUM DISTANCE 1 m.



7. INSTALL AND WIRE RECEIVER



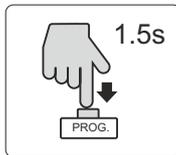
8. TURN ON POWER SUPPLY



9. TEST SAFETY EDGE ON DOOR

7. PROGRAMMING PROCESS

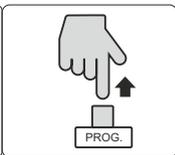
CODE MEMORITZATION



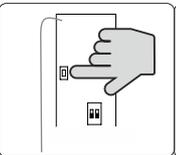
PRESS RECEIVER



1 X BEEP



RELEASE RECEIVER



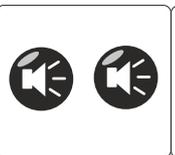
PRESS TRANSMITTER



1 X BEEP



WAIT

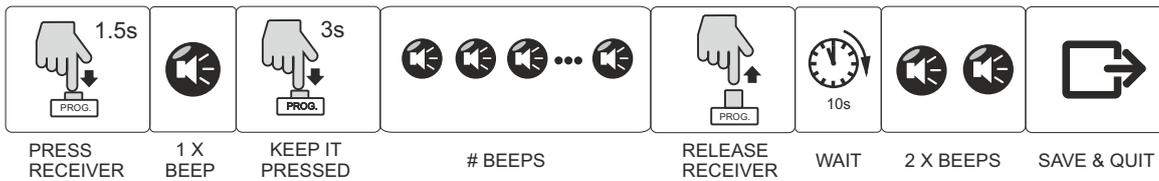


2 X BEEPS



SAVE & QUIT

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. The system can store 7 transmitters per channel.

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	Control unit
Transmitter 1.0, 1.3 power supply	2x lithium battery 3V DC type CR2032
Transmitter 2.F power supply	2x AA lithium battery 3.6V
Receiver memory	14 transmitters, 7 transmitters/channel
Receiver output	Transistor
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)
Polution degree	2
Protection class (IEC 60529)	Ip55
Frequency channels	868.95MHz & 869.85MHz
Range	100m
Working temperature	-35°C to +55°C
Software	Clase A
Rated transient over voltage	330V
Transmitter power consumption	Transmitting 17mA / stand by 16uA
Machine Security Normative	13849-2008 PL-C Category 2

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.

CE DECLARATION OF CONFORMITY
For more information visit the website www.aerf.eu

