

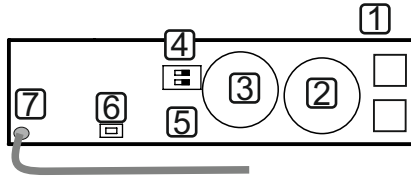
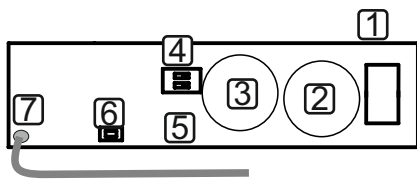
1. GENERAL

One channel wireless system communication for either resistive, mechanical or pneumatical safety edges.

1.1 SAFETY INDICATIONS

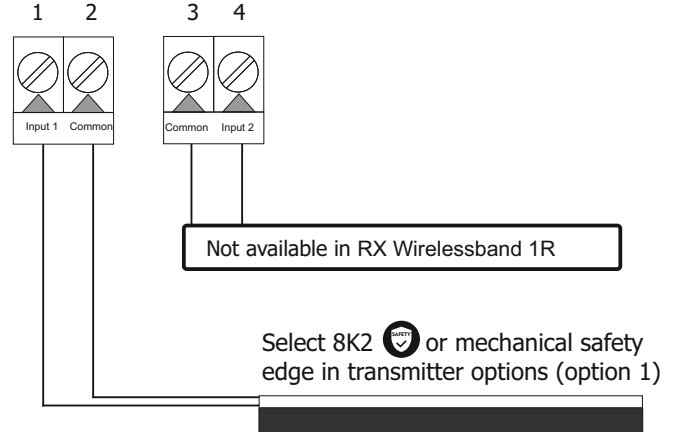
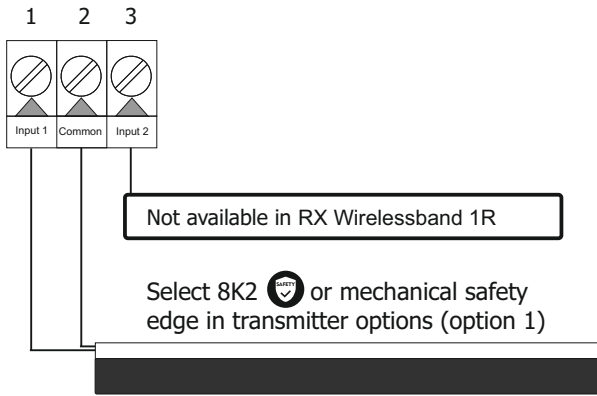
- Reaction time < 60ms (according TÜV test report AV86368T **Certificate n° M6A 0908000001 Rev. 01**)
- EN13849-1-2015 Cat2 PL-C with TEST.

2. TRANSMITTER

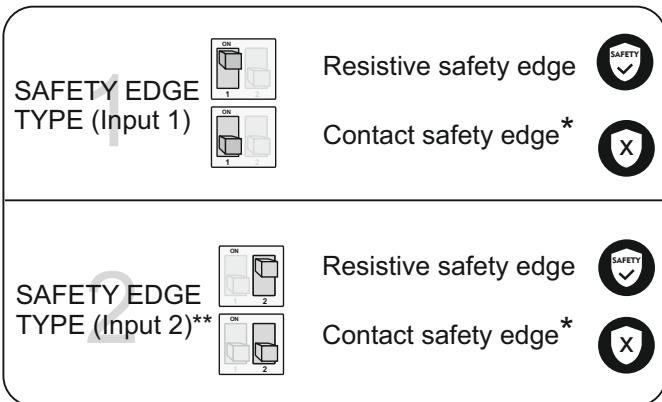


- 1- Terminals
- 2- Battery1 CR2032
- 3- Battery 2 CR2032
- 4- LED
- 5- DIP - Switch
- 6- Push button
- 7- Antenna

2.1 TRANSMITTER REGULAR CONNECTIONS



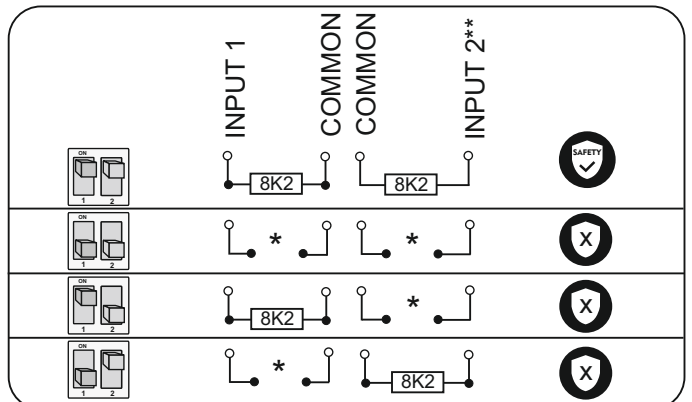
2.2 TRANSMITTER OPTIONS SELECTOR



* To change from NO to NC, follow point 2.4

** Not available in RX WIRELESSBAND 1R

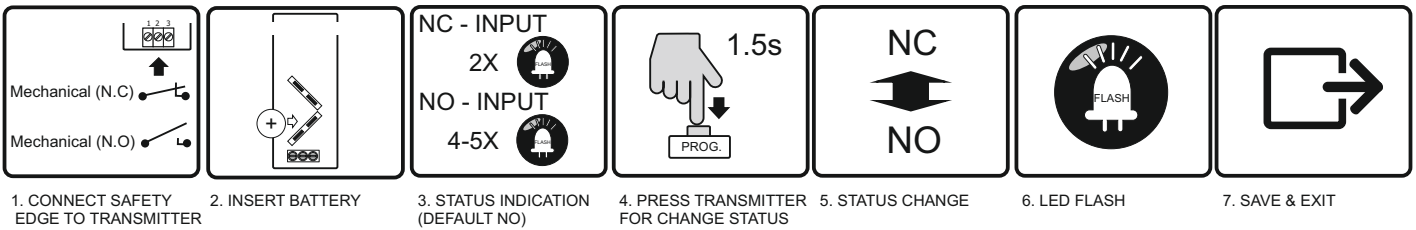
2.3 TRANSMITTER OPTIONS COMBINATION



* To change from NO to NC, follow point 2.4

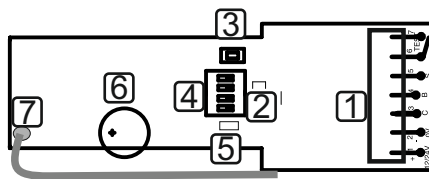
** Not available in RX WIRELESSBAND 1R

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



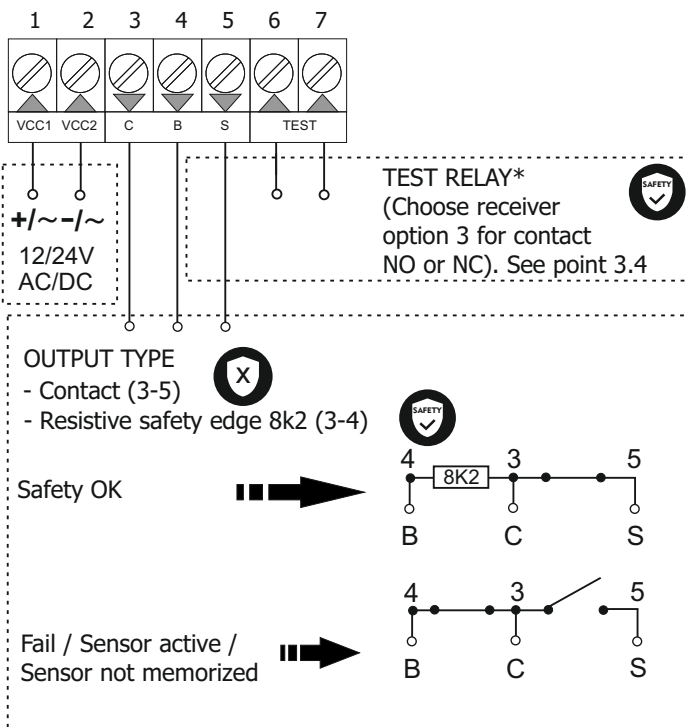
You have 5 seconds after battery connection to make the change of safety edge status. If you want to change again the status, please remove and connect batteries again.

3. RECEIVER



- 1- Terminals
- 2- LED 1
- 3- Push button
- 4- DIP - Switch
- 5- LED 2
- 6- Buzzer
- 7- Antenna

3.1 RECEIVER CONNECTIONS



*Test signal before each maneuver is needed.

3.2 LED INDICATOR

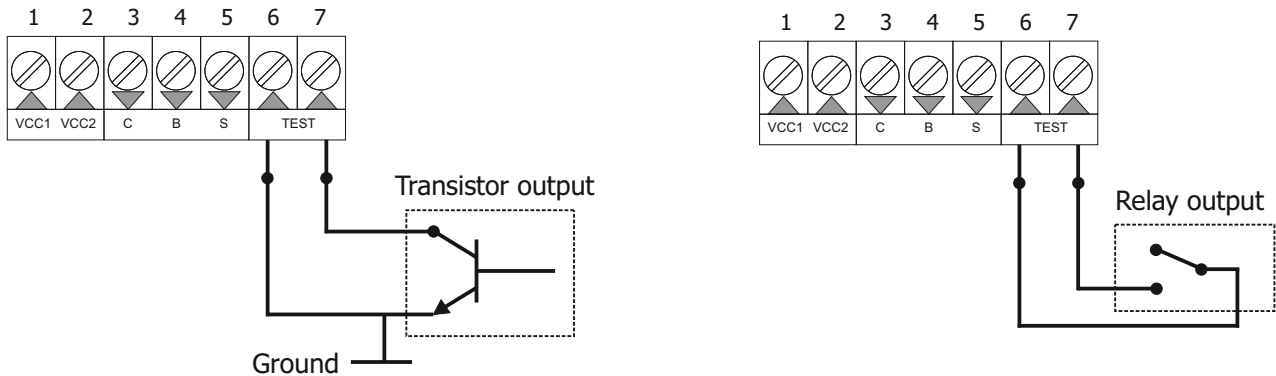
LED ON - Security OK

LED OFF - Obstacle detected

3.3 RECEIVER OPTION SELECTOR

CLASS 2	<input type="checkbox"/>	Enabled (Normative UNE-EN 13849-2)	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	Disabled (Default)	<input type="checkbox"/>
TRANSMITTER FREQUENCY	<input type="checkbox"/>	869,85 Mhz	
	<input type="checkbox"/>	868,95 Mhz	
RECEIVER TYPE TEST	<input type="checkbox"/>	N.C. contact	
	<input type="checkbox"/>	N.O. contact	
AUTOMATIC FREQUENCY AGILITY	<input type="checkbox"/>	Enabled	
	<input type="checkbox"/>	Disabled	

3.4 TEST RELAY RECEIVER CONNECTIONS TYPES



4. START-UP

1. INSERT BATTERIES
2. CONNECT RECEIVER POWER SUPPLY
3. CHECK OPTION SELECTORS
4. CARRY OUT CODE MEMORIZATION (POINT 5.)
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

5. PROGRAMMING PROCESS

CODE MEMORIZATION

- 1.5s: PRESS RECEIVER
- 1 X BEEP
- RELEASE
- PRESS TRANSMITTER BUTTON
- 1 X BEEP
- WAIT 10s
- 2 X BEEP
- SAVE & EXIT

MEMORY RESET

- 1.5s: PRESS RECEIVER
- 1 X BEEP
- 3s: KEEP IT PRESSED
- # BEEPS
- RELEASE
- WAIT 10s
- 2 X BEEP
- SAVE & EXIT

MEMORY FULL INDICATOR

Several beeps for 10 seconds when trying to memorize a new transmitter.

LOW BATTERY INDICATOR

4 beeps each time a message is received from a programmed transmitter. Both, warning LED and buzzer are activated simultaneously.

TECHNICAL SPECIFICATIONS

Receiver supply voltage	12/24 AC/DC SELV/PELV
Transmitter supply voltage	2x lithium battery 3V DC type CR2032
Battery life	2 years
Receiver memory	7 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
Rated transient over voltage	330V
Transmitter power consumption	Transmitting 17mA / stand by 16uA
Machine Safety Normative	13849-1:2015 PL-C Categ. 2, with TEST before every manoeuvre
Reaction time	<60 ms

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

WARNING!!

- Installation, start-up, modification and updating 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. It is recommended to include exterior protection from 100mA and to 250mA.
- In case of any hypothetical issue, please do a memory reset (point 5).

