

NO TOUCH 868



NO TOUCH 868 code ACG8048

Patent EP10711742 - EP2347398 - EP1722059



WIRELESS VERTICAL PHOTOCELL SUBSTITUTING THE SENSITIVE EDGE TO PREVENT IMPACTS WITH SECTIONAL DOORS AND SPRING ROLLING SHUTTERS



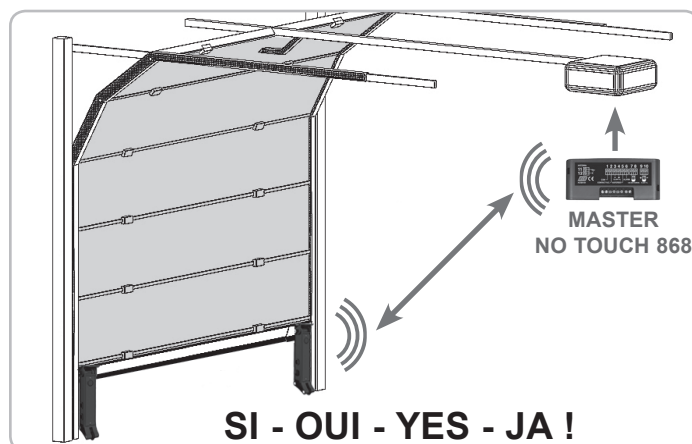
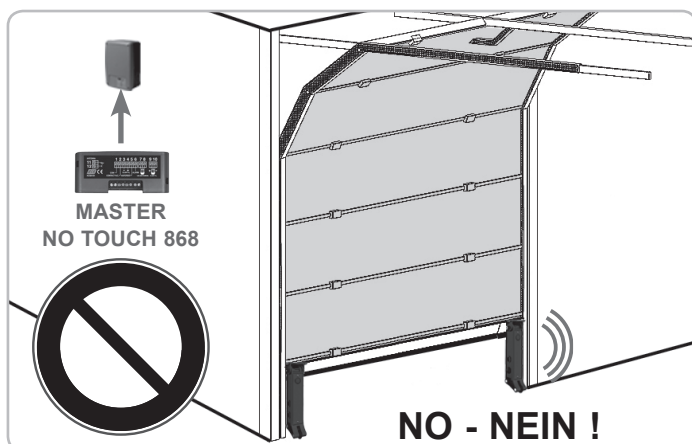
MASTER NO TOUCH 868 code ACG6154

Patent EP10706772 - EP2345019



868 MHz RECEIVER

DO NOT INSTALL MASTER NO TOUCH 868 BEHIND WALLS, METAL FRAMES OR PANELS, OR OTHER KIND OF OBSTACLES THAT COULD PREVENT THE PROPER RADIO COMMUNICATION WITH THE NO TOUCH 868 PHOTOCELL AND THE RED RADIO TRANSMITTER



- ATTENTION -

FOR THE SAFETY OF THE PEOPLE IT IS IMPORTANT TO FOLLOW ALL THE INSTRUCTIONS.

- 1° - **This handbook is exclusively addressed to the specialized personnel** who knows the constructive criteria and the protection devices against the accidents for motorized gates, doors and main doors (follow the standards and the laws in force).
- 2° - Before proceeding with the installation, the installer must forecast the risks analysis of the final automatized closing and the safety of the identified dangerous points (following the standards EN 12453/EN 12445).
- 3° - Before carrying out any installation, regulation or maintenance operation of the system, take off the voltage by operating on the special magnetothermic switch connected upstream it.

THE RIB COMPANY DOES NOT ACCEPT ANY RESPONSIBILITY for possible damages caused by the non observance during the installation of the safety standards and of the laws in force at present.

KEEP THESE INSTRUCTIONS WITH CARE

Data described by this manual are only Indicative.
RIB reserves to modify them at any time.
Install the system complying with current standards and regulations.

MAINTANANCE

The safety accessories must be maintained in good and efficient conditions in accordance with the manufacturer's instructions.

Every 3 months, the following periodical maintenance must be carried out:

- Cleaning the lenses of the transmitter and receiver, using a dry cloth.
- Verify the presence and readability of the original markings on the product.
- Check the integrity of the wheels that guarantee the swinging movement of the transmitter and receiver.
- With the door positioned half way up, check the functionality and strength of the springs that command the return in position of the transmitter and receiver.
- Verify the conditions of the batteries.

- ACHTUNG -

FÜR DIE SICHERHEIT DER PERSONEN IST ES WICHTIG, DASS ALLE ANWEISUNGEN GENAU AUSGEFÜHRT WERDEN

- 1° - **Diese Betriebsanleitung dient ausschließlich dem Fachpersonal**, welche die Konstruktionskriterien und die Sicherheits-Vorschriften gegen Unfälle für Tore, Türen und automatische Tore kennt (geltende Normen und Gesetze beachten und befolgen).
- 2° - Vor der Installierung muss für die automatische Schließung und zur Sicherheitsgewährung der identifizierten kritischen Punkte, eine Risiko Analyse vorgenommen werden mit der entsprechenden Behebung der identifizierten, gefährlichen Punkte. (die Normen EN 12453/EN 12445 befolgend).
- 3° - Vor jeglichem Eingriff, sei es Installation, Regulation oder Wartung der Anlage, muss vorher die Stromzufuhr unterbrochen werden, den dafür bestimmten Magnetthermo-Schalter drücken, der am Eingang der Anlage installiert ist.

DIE FIRMA RIB ÜBERNIMMT KEINE VERANTWORTUNG für eventuelle Schäden, die entstehen können, wenn die Installationsvorschriften die den gültigen Sicherheitsnormen entsprechen, nicht eingehalten werden.

INSTALLATIONSVORSCHRIFTEN BEACHTET WERDEN

Die in diesem Handbuch aufgeführten Daten sind ausschließlich empfohlene Werte. RIB behält sich das Recht vor, das Produkt zu jedem Zeitpunkt zu modifizieren.
Die Anlage muss in Übereinstimmung mit den gültigen Normen und Gesetzen montiert werden.

PFLEGE UND WARTUNG

Die Sicherheitsvorrichtungen müssen in einwandfreiem Zustand gehalten und gemäß den Anweisungen des Herstellers verwaltet werden.

Regelmäßige Überprüfungen muss alle 3 Monate ausgeführt werden:

- Reinigen Sie die Linsen auf dem Sender und dem Empfänger, mit einem trockenen Tuch.
- Überprüfen Sie das Vorhandensein und die Lesbarkeit der ersten Markierung des Produktes.
- Überprüfen Sie die Integrität der Räder, die die Bewegung von Schwingung des Senders und des Empfängers ermöglichen.
- Überprüfen Sie, mit Tür in hälftiger Fahrt, und biegen Sie zuerst den Sender und dann den Empfänger, die Funktionalität der Federn, die Rückkehr der Bewegung von Schwingung ermöglichen müssen.
- Überprüfen Sie die Integrität der Batterien.

NO TOUCH 868 complies with the standard EN13849-2:2008 and, in junction with a RIB electric panel equipped with AUTOTEST, is a **Class 2** protection device.

The system constantly monitors the presence of the various security devices and battery status, satisfying the need for fully active security on all types of doors with vertical movement.

NO TOUCH 868 is a patented device developed to guarantee safety in automations such as shutters and sectional doors.

The NO TOUCH 868 photocells prevent contact with any obstructions, thanks to their infrared ray which is 13cm away from the door.

NO TOUCH 868 does not require cable reel systems, because it operates with batteries and via radio.

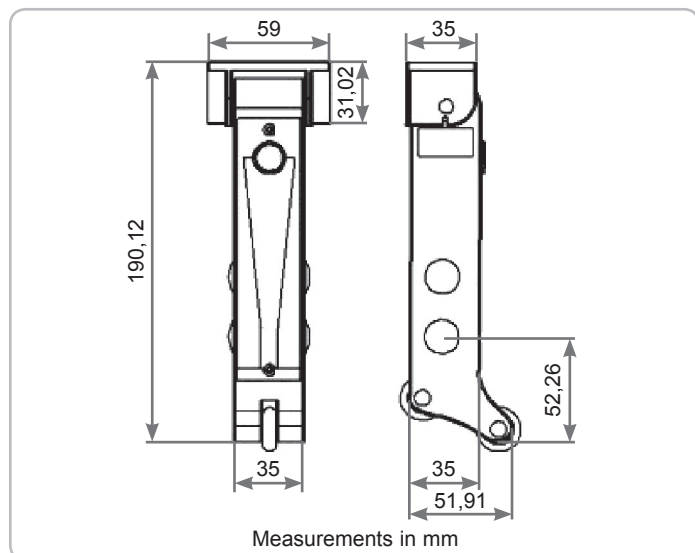
The particular system of "balance" allows the control of each movement condition, even when vibrations are present.

The system is composed of three elements:

1 - 868 MHz radio transceiver, MASTER NO TOUCH 868 (cod. ACG6154) connected to the door electric control panel.

2 - Infrared transmitter.

3 - Infrared receiver with 868 MHz radio transceiver which constantly communicates with the MASTER NO TOUCH 868.



MASTER NO TOUCH 868 can handle two security devices:

- **PHOTOCELL NO TOUCH 868 (code ACG8048).** **THE NO TOUCH 868 PHOTOCELLS ARE ON ONLY WHEN THE DOOR IS IN OPERATION.** Thanks to the SLEEP MODE function, when the door is closed, the photocells are turned off, saving the battery life.

- **Additional security: RED TRANSMITTER (code ACG6202)** connected to NC (not supplied) to be applied to the pedestrian door on the main door. **It will only work if you have already programmed the NO TOUCH 868 photocell.**

THE RED TRANSMITTER IS ALWAYS ACTIVE AND WHEN THE PEDESTRIAN DOOR IS OPENED (and thus the NC contact to which it is linked is open) LOCKS THE OPERATION OF THE MAIN DOOR.

REFERENCE TO STANDARDS FOR AUTOMATIC VERTICAL DOORS

Once machine installation is complete it must be ascertained that it complies with standard EN13241-1.

RIB MAY NOT BE HELD RESPONSIBLE FOR DAMAGES CAUSED BY IMPROPER, WRONG OR UNREASONABLE USE.

Usage restrictions: The NO TOUCH 868 photocells cannot be used on devices excluded by the application of the EN12978, such as:

- protection devices for the installation on doors used for a different purpose to those ones used for pedestrian or vehicle access, covered by the norm which principal intent is that of allowing a safe access to industrial, commercial, public and commercial sites. Some examples of excluded accesses can be: sluice gates, dams, lift doors, vehicles' doors, doors used mainly to restrain animals, theatre curtains, railways barriers, barriers used only for vehicles.
- Devices used only for the standard control and for the stopping, including the emergency stopping, of motorized doors.
- Safety systems and safety devices used on machineries different from doors.

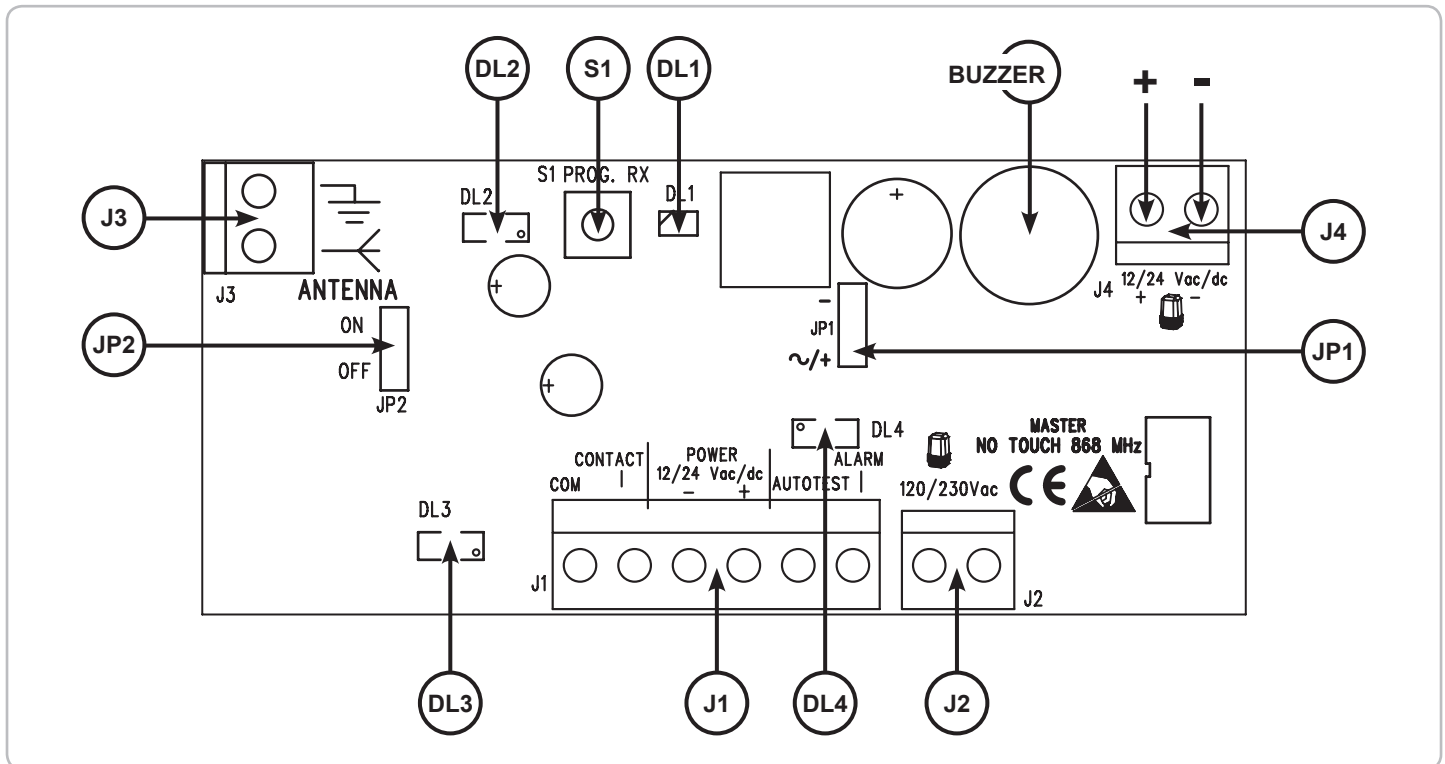
ATTENTION: Any possible modification of the device, or of the configuration of the same cannot be carried out without the clear authorization by the manufacturer or, by the local authorized dealer.

The installer of the safety device must make sure that the end user know the following:

- That the safety devices must be made known to all appropriate people.
- That the passages to reach the devices must be kept clear from any obstacle.
- About the procedures for cleaning so to avoid the dangerous building up of material.
- The possible details for a restart of the system after an emergency or accidental stop caused by the control system.

Any modification of the project or, of the configuration of the device, without discussing it first with the manufacturer or with the local authorized dealer can cause dangerous situations.

LAYOUT



- J1 =>** **COM** => common in NC contact
CONTACT N.C. => usually closed contact to be connected to the Strip or Photocell in the electric control panel
POWER - 12/24 V $\approx$ => negative supply 12/24V $\approx$
POWER + 12/24 V $\approx$ => positive supply 12/24V $\approx$
AUTOTEST => supply for AUTOTEST (see also JP1 for the selection)
ALARM N.C. => usually closed contact to be connected to the STOP input on the electric control panel
- J2 =>**  TERMINALS TO BE CONNECTED TO THE 120/230V 50/60Hz BLINKER OUTPUT OF THE ELECTRONIC CONTROL PANEL
- J3 =>** TERMINAL FOR CONNECTING THE 868,3 MHz ANTENNA
- J4 =>**  **12/24 V $\approx$**
TERMINALS TO BE CONNECTED TO THE 12/24V $\approx$ BLINKER OUTPUT OF THE ELECTRONIC CONTROL PANEL
PAY CLOSE ATTENTION TO THE POLARITY INDICATED ON THE PRINTED CIRCUIT
- JP1 =>** **AUTOTEST SUPPLY SELECTION**
JP1- Jumper autotest selection mode with negative supply
JP1+/- Jumper autotest selection mode with positive supply or AC (for use with RIB panel model J)
- JP2 =>** A provision for future implementations
- S1 =>** **PROG. RX** Programming pushbutton

BUZZER => Signals, through different sounds, possible adjustments to be made during installation and events of warning or alarm

LED

DL1 (bi-colour)

- off => normal operation
- green => photocell engaged
- red/green => alarm

DL2 (yellow) - presence of supply voltage 12-24V $\approx$

DL3 (red) - N.C. CONTACT

DL4 (red) - N.C. ALARM

ATTENTION: THE MASTER NO TOUCH 868 CANNOT be installed more than 3 metres away from the control panel of the door operator.

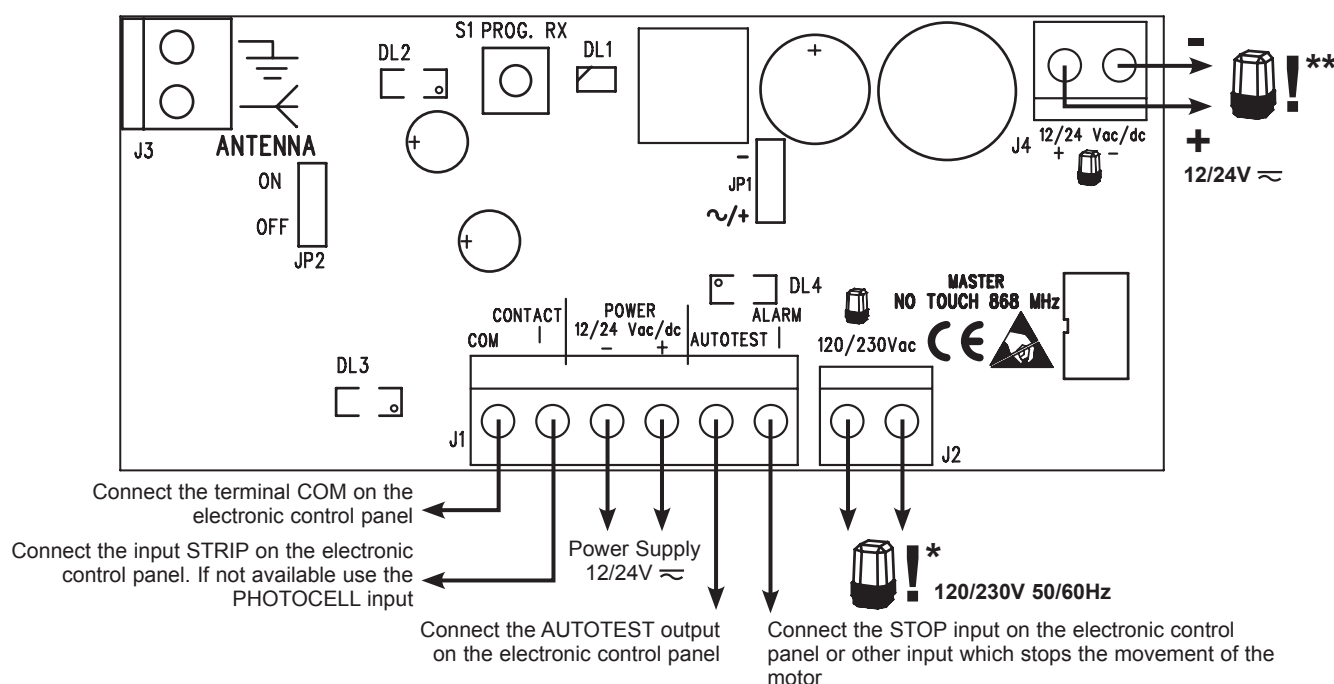
WARNING: MASTER NO TOUCH 868 performs the inspections required by EN12978 par. 4.1 to the final positions of the run only if the AUTOTEST function is available. IT'S NECESSARY THAT THE CONTROL PANEL WHERE THE MASTER NO TOUCH 868 IS APPLIED, HAS THE AUTOTEST FUNCTION.

WARNING: INSERT MASTER NO TOUCH 868 IN A SHELTERED CONTAINER. The use of the product inside metal containers can generate a system malfunction. It is therefore advised, for a perfect reception/transmission of the signals to add the antenna, code ACG5451, which should be applied externally to the container and connected to the J3 terminal of the MASTER NO TOUCH 868.

WARNING: It is advisable to activate the function PRE-BLINKING on the electronic control panel, if available.

WARNING: Verify the presence of the protection against short circuits on the control panel through fuses connected in series to the second supply. In the event it is not present, connect in series to the supply with a time-delay fuse (T) of 200 mA.

Disconnect power to the automation control panel before making the connections to the MASTER NO TOUCH.



! * COMPULSORY connection for electronic control panel with 120/230V 50/60Hz blinker output

■ ** COMPULSORY connection for the electronic control panel with 12/24V $\approx$ blinker output. **WARNING: RESPECT THE POLARITY AS INDICATED ON THE PRINTED CIRCUIT.**

WARNING: The connection of the blinker output of the control panel to the terminals J2 or J4 of the MASTER NO TOUCH is obligatory even in the event a flashing light is not present on the installation. If the connection fails the door does not work and the buzzer emits 4 warning tones of connection failure.

INPUT COM

Common terminal of **CONTACT NC** and **ALARM NC**.

WARNING: The COM terminal is required to connect the COMMON to the control panel. In the event that COM is not connected, the system alarm will signal and the buzzer will sound 2 tones.

INPUT CONTACT N.C.

CONTACT NC terminal: is to be connected to the STRIP or PHOTOCCELL output of the electronic control panel.

WARNING: Remove any jumper, replacing the STRIP or PHOTCELL NC contact, from the terminals of the electronic control panel.

INPUT ALARM N.C.

ALARM NC feed terminal: it is dedicated to the series connection of the STOP

command on the electronic control panel. In the event that the STOP input is not present, connect the ALARM NC contact in series to an input which allows the electronic control panel to be blocked.

WARNING: Remove any jumper, replacing the STOP NC contact, from the terminals of the electronic control panel.

CONNECTING AUTOTEST INPUT (for complying with the standard EN13849-2:2008)

- If the panel is equipped with AUTOTEST, position the jumper JP1 of the MASTER NO TOUCH 868 according to the power supply given by the control panel used, adhering to its manual.
- Connect the AUTOTEST output of the control panel to the AUTOTEST terminal of the MASTER NO TOUCH 868 so as to control the system at the end of each complete opening or at the start of the closing operation of the automation.
- Closing will occur only if the MASTER NO TOUCH 868 has passed the control test.

- If the check of the MASTER NO TOUCH 868 has failed, the control panel blocks the automation and DL3 and DL4 LEDs on the MASTER NO TOUCH 868 will turn off. The buzzer emits 2 tones and the bi-colour LED DL1 will flash red-green, signalling an anomaly.

To restore the functioning:

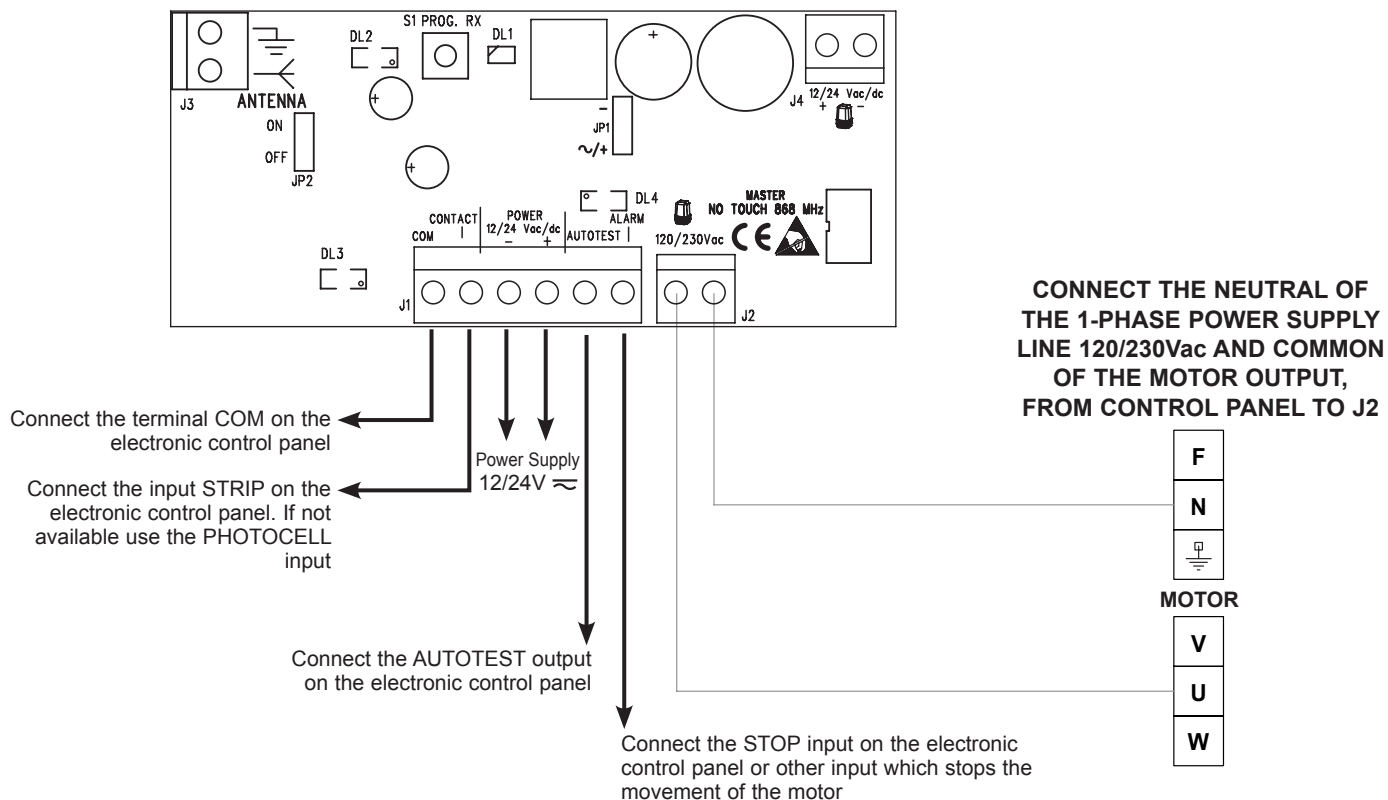
- check the AUTOTEST connections and the position of the JP1 jumper;
- press the S1 PROG RX pushbutton on the MASTER NO TOUCH 868;
- the LEDs DL3 and DL4 will turn on.

The MASTER NO TOUCH 868 is ready for a new AUTOTEST.

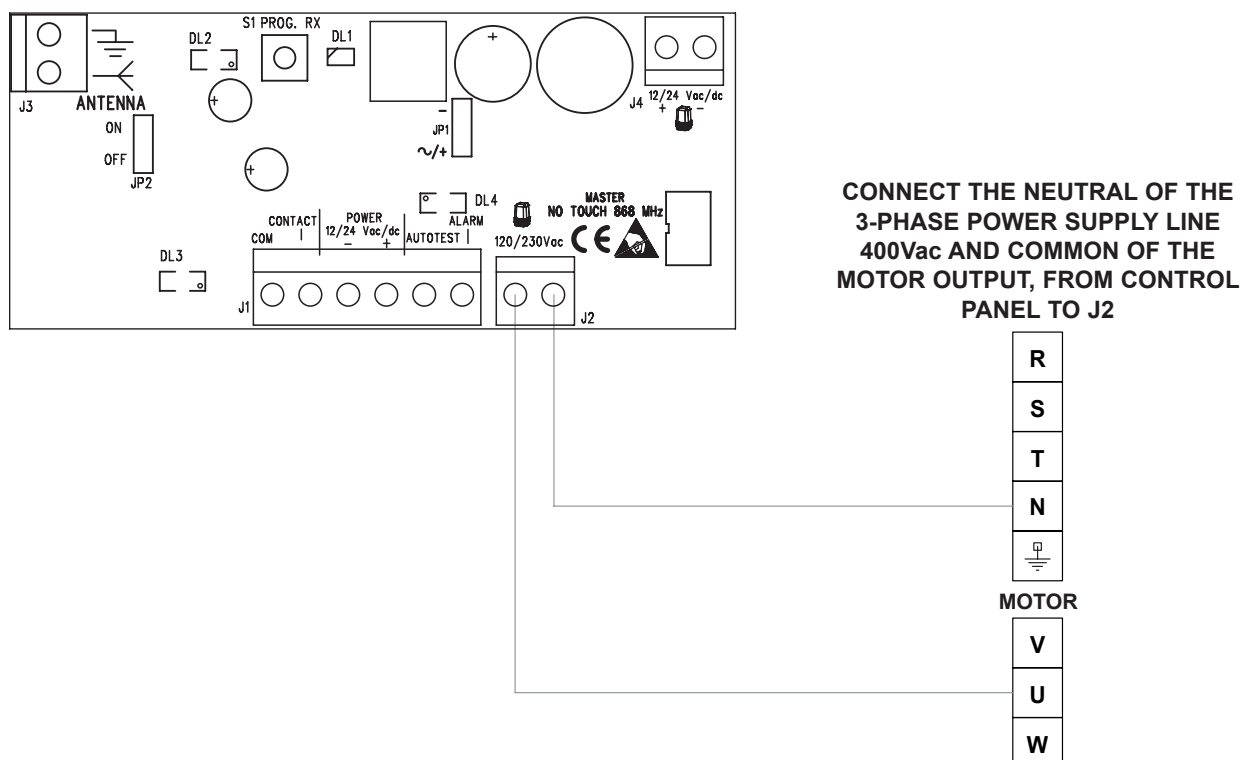
If the panel is not equipped with AUTOTEST, the control test is ignored.

FOR CONTROL PANEL ABLE TO MANAGE A 120/230Vac 1-PHASE MOTOR

WARNING: Disable completely slow speed, gradual start, adjustment of the force.

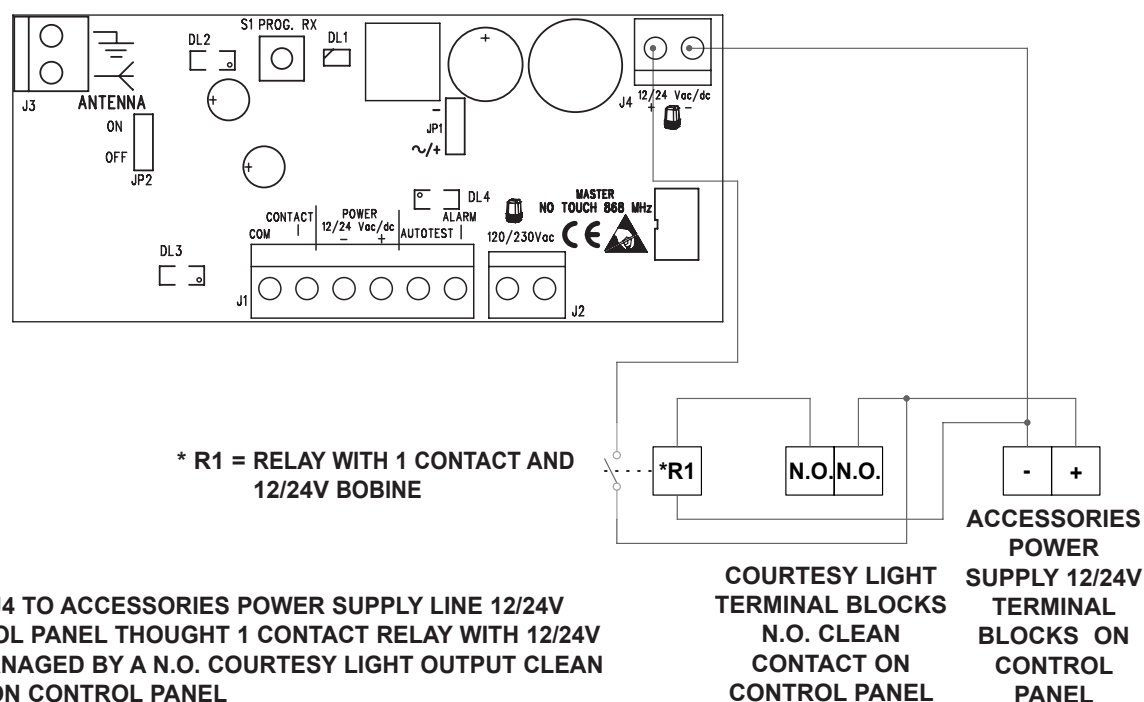
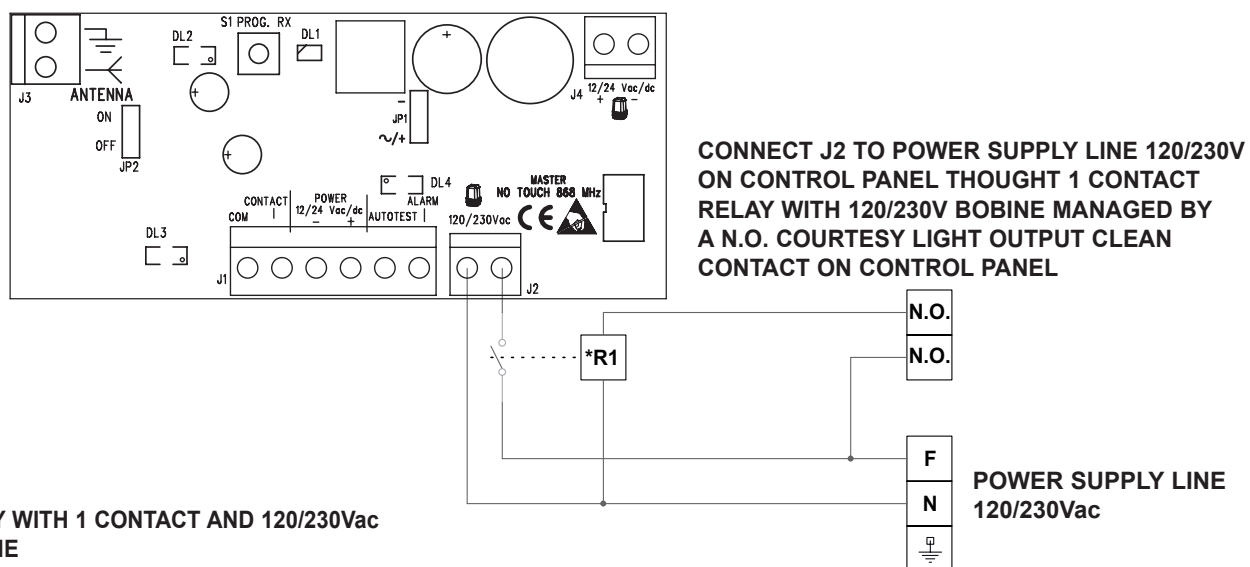
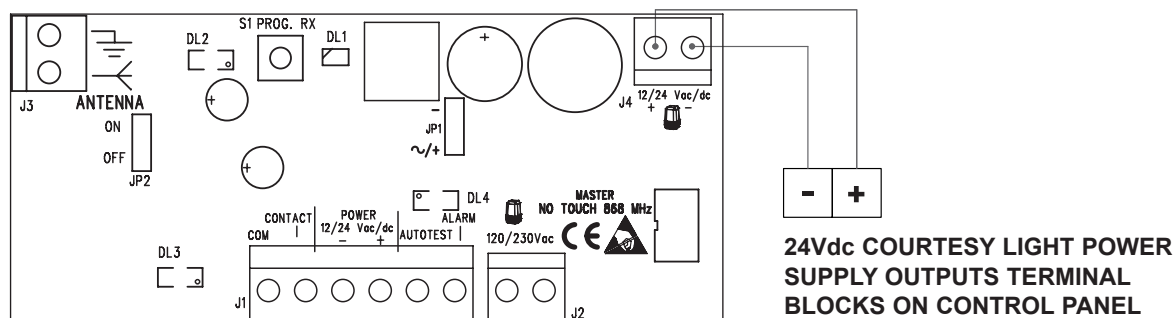


FOR CONTROL PANEL ABLE TO MANAGE A 400Vac 3-PHASE MOTOR

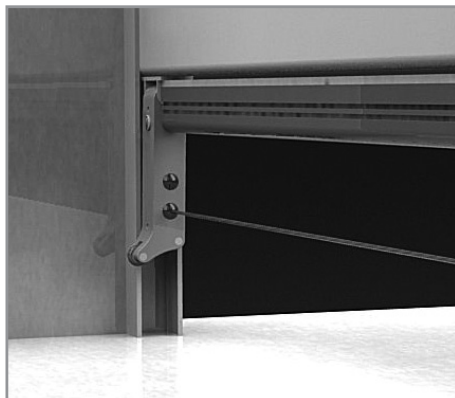


FOR CONTROL PANEL ABLE TO MANAGE A 12/24Vdc MOTOR

- It is not possible to connect directly MASTER NO TOUCH 868 to the motor power supply output of the control panel because polarities are exchanged in opening and closing and control panel has slow speed in approaching which is not possible to disengage.



INSTALLING SECURITY DEVICE NO TOUCH 868

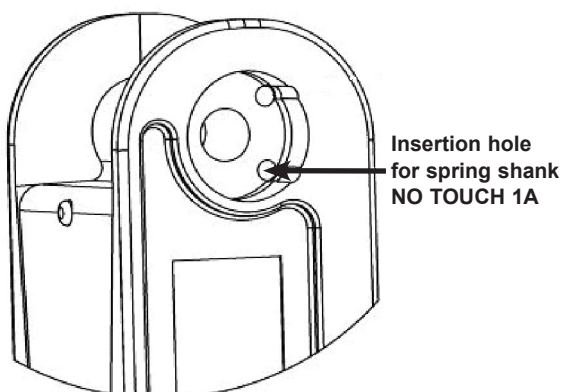
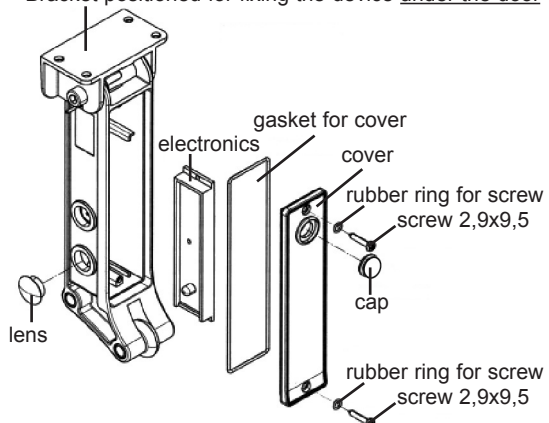


THEY ARE TWO TYPES OF FIXING:

NO TOUCH 1A

FIXING THE DEVICE UNDER THE DOOR

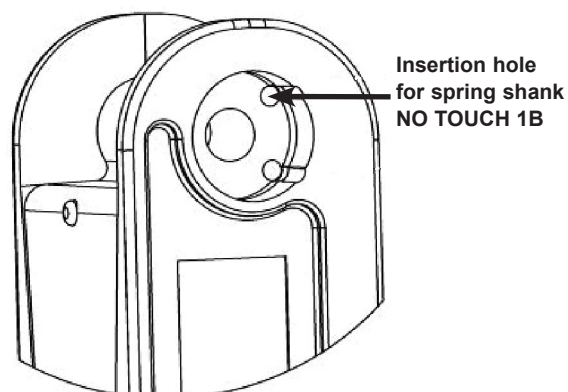
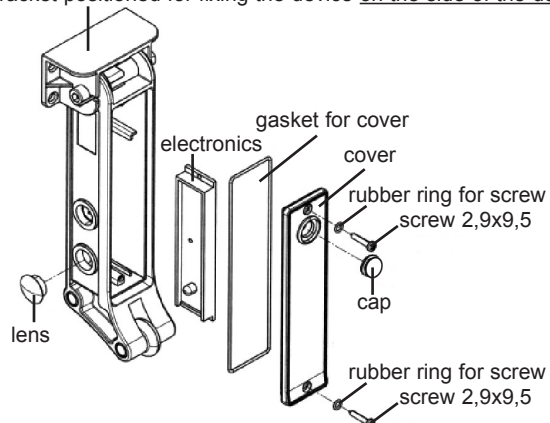
Bracket positioned for fixing the device under the door



NO TOUCH 1B (STANDARD)

FIXING THE DEVICE ON THE SIDE OF THE DOOR

Bracket positioned for fixing the device on the side of the door



N.B.: For a correct degree of IP protection make sure to correctly insert the gaskets.

TECHNICAL CHARACTERISTICS OF NO TOUCH 868

Max. Speed of moving parts 12 m/min
Power 2 batteries 3,6V
Infrared signal range 5 m / 10 m

Radio frequency 868,3 MHz
Radio signal range 20 m
Degree of protection IP54

ACOUSTIC SIGNALS

MASTER NO TOUCH 868 has a buzzer which signals in the installation phases and the warning status when batteries are almost dead or alarm status in the event of failure of one of the devices.

A - MASTER NO TOUCH 868 SUPPLY

After making all connections, supply the control panel with MASTER NO TOUCH 868.

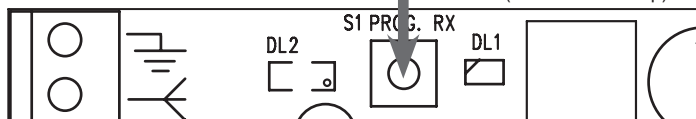
The yellow LED DL2 should be on and the buzzer should emit a sound to signal correct power supply.

B - SETTING UP THE NO TOUCH 868 PHOTOCELL

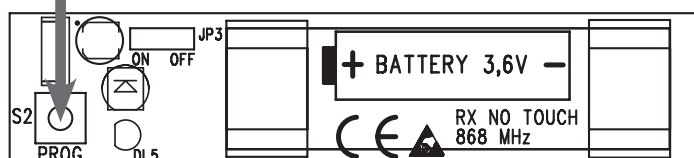
Insert the batteries into the NO TOUCH circuits and position them in the internal container already fixed to the edge of the door.

To run the set up perform the following procedure:

- Press the S1 PROG RX pushbutton which is found on the MASTER NO TOUCH 868 => the bi-colour LED DL1 will flash red for 1 minute (time to run set up)



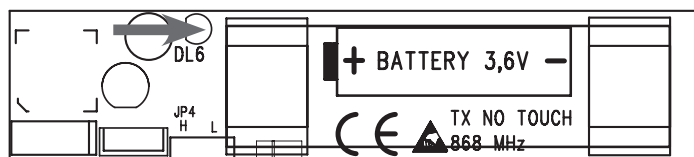
- Press the S2 PROG pushbutton on the safety RX NO TOUCH 868.



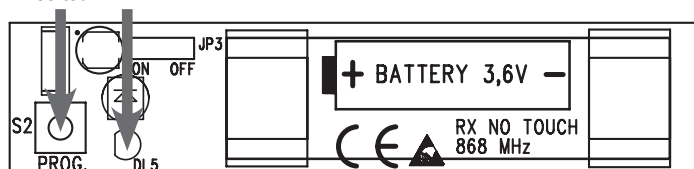
- On the MASTER NO TOUCH 868 the bi-colour LED DL1 changes from red to green and a buzzer tone signals the correct security set up. At the same time the LEDs DL3 and DL4 turn on and the control panel receives the correct safety devices signals.

C - VERIFY THE CORRECT OPERATION OF THE NO TOUCH 868 PHOTOCELL

- The correct operation of the TX NO TOUCH 868 is signalled by the green DL6 which turns on for 10 seconds after the insertion of the 3,6V battery.



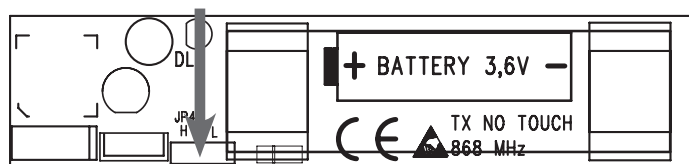
- Press and release the S2 PROG pushbutton on the RX NO TOUCH 868 (the photocell is activated for 3 minutes to check the alignment)
If the photocells are correctly aligned the red LED DL5 will remain turned on.
- During the 3 minutes the red LED DL5 stays on, check that when inserting an obstacle, the red LED DL5 turns off and simultaneously the bi-colour LED DL1 on the MASTER NO TOUCH 868 turns green for the time the obstacle is inserted.



- On the MASTER NO TOUCH 868, the LED DL3 must also turn off indicating the correct exchange of the contact on the strip or the photocell input of the control panel has occurred.

If the red LED DL5 stays off, check;

- that supports are fixed correctly;
- that on the TX NO TOUCH the position of the jumper JP4 which controls the infrared signal range:
 - is positioned on L and set to a range of 5 metres.
 - is positioned on H and is set to a range of 10 metres.



D - ACCELEROMETER

The ACCELEROMETER is not compatible with automated systems equipped with gradual start or very slow.

Stop the gradual start function or, if not possible, deactivate the ACCELEROMETER. If the door is very slow deactivate the ACCELEROMETER.

- Verify a functional check of the installed photocell by activating the automation movement and checking that when inserting an obstacle, in the closing door, it stops and reverses the motion.
- In the event the door stops after starting and the alarm signals 5 BUZZER tones, this means that the movement of the door was not detected by the ACCELEROMETER (**caused by the gradual start or by the door very slow**), therefore for the correct operation of the door, it is necessary to exclude the ACCELEROMETER.

To deactivate the ACCELEROMETER you need to:

- move the JP3 jumper on the RX NO TOUCH 868 to OFF;
- press the S2 PROG pushbutton;
- the buzzer on board the MASTER NO TOUCH 868 will emit a tone for 3 seconds, signalling successful deactivation of the ACCELEROMETER.

ACTIVATING THE ACCELEROMETER

To activate the accelerometer you need to:

- move the JP3 jumper on the RX NO TOUCH 868 to ON;
- press the S2 PROG pushbutton;
- the buzzer on board the MASTER NO TOUCH 868 will emit a tone for 3 seconds, signalling successful activation of the ACCELEROMETER.

VERIFY THE CORRECT OPERATION OF THE ACCELEROMETER

- With ACCELEROMETER ACTIVE (jumper JP3 ON on the RX NO TOUCH 868) verify that when moving the NO TOUCH 868 RECEIVER the LED DL1 turns on fixed red, the BUZZER emits 4 tones and the LEDs DL3 and DL4 turn off for 5 seconds.
- After 5 seconds the DL1 LED will turn off and DL3-DL4 will turn on.

E - TIME SET UP (ONLY WITH ACCELEROMETER ACTIVE - JP3 ON)

WITH THE ACCELEROMETER ACTIVE THE NECESSARY TIME STORAGE PROCEDURE IS PERFORMED.

IF THIS PROCEDURE IS NOT MADE, IT IS POSSIBLE THAT AFTER THE DOOR STARTS, THIS STOPS AND 5 BUZZER TONES ARE EMITTED.

- Press the S1 PROG RX pushbutton on the MASTER NO TOUCH 868, the LED DL1 will flash green.
- Control the door to open and close it completely at least two times consecutively.
- Wait for the green LED DL1 to turn off, or alternatively press the S1 pushbutton once to end the procedure.

F - SETTING UP PEDESTRIAN DOOR SECURITY (RED transmitter code ACG6202)

It is possible to set security for the pedestrian door only if you have already programmed the NO TOUCH 868 photocell.

This security is the **RED transmitter** which monitors a NC contact (not supplied) installed on the pedestrian door on the main door.

To run the set up perform the following procedure:

- **position the dip switch n° 2 to ON (COMPULSORY);**
- supply the RED transmitter through the batteries;
- press the S1 PROG. RX pushbutton which is found on the MASTER NO TOUCH 868: the bi-colour LED DL1 will turn green and flash for 1 minute (time used to run set up)
- press the S2 PROG. TX pushbutton the RED transmitter: on the MASTER NO TOUCH 868 the bi-colour LED DL1 will stop flashing green and turn off. The buzzer will emit a tone signalling while the red LED of the RED transmitter flashes 3 times to confirm the correct set up.

VERIFY THE CORRECT OPERATION OF THE PEDESTRIAN DOOR SECURITY

Open the pedestrian door, opening NC contact connected to the RED transmitter. Verify that on the MASTER NO TOUCH 868 the LEDs DL3 and DL4 turn off and that any door opening command is not performed.

ANTENNA

To communicate with the safety devices, MASTER NO TOUCH 868 is equipped with a piece of electrical wire which serves as an antenna connected to J3 terminal. If it becomes necessary to improve the radio signal (for example when MASTER NO TOUCH 868 is installed in a metal container), connect the 868.3 MHz antenna (code ACG5451) to the J3 terminal, respecting the connection of the central and ground wire, and position it in a way that is 'in sight' by all safety devices.

To make the system work properly, it is necessary that between the MASTER NO TOUCH 868 and the safety devices, there are not any obstacles such as concrete walls, iron surfaces etc. which could interfere with radio signals.

WARNING STATUS (alert to change batteries)

The warning status (WARNING) alerts the user that it is imminently necessary to change batteries.

When the batteries of NO TOUCH 868 are low and reach 3,1V, NO TOUCH 868 receiver sends a signal via radio to MASTER NO TOUCH 868 that the batteries are nearly dead.

MASTER NO TOUCH 868 will activate the BUZZER with a tone every 3 seconds for a duration of 1 minutes every time you give a command to the automation.

The bi-colour LED DL1 on MASTER NO TOUCH 868 will turn on fixed red.

During these status signals the system is still operating, but it is advisable to change the batteries as soon as possible in order to avoid the door to stop operating, which happens when the battery reaches 2,8 V.

ALARM STATUS (battery completely dead or failure)

The alarm status is active when the batteries are completely dead (2,8V) or in the event of failure.

On the MASTER NO TOUCH 868 the LEDs DL3 and DL4 turn off and automation remains stationary while the bi-colour LED DL1 flashes alternate red-green (for the entire duration) and the BUZZER emits an alternate tone for 1 minute.

To stop the alarm you must replace the batteries or repair the failure.

PROCEDURE FOR CANCELLATION OF SAFETY DEVICE/S

To cancel safety device/s stored on MASTER NO TOUCH 868 proceed in the following way:

- Press and keep pressed the PROG. RX pushbutton for 10 seconds.
- At the end of the 10 seconds, the bi-colour LED DL1 flashes 6 times alternatively from red to green, signalling the cancellation, while the LEDs DL3 and DL4, if lighted, will turn off.

REPLACING THE BATTERIES

The duration of LITHIUM AA 3,6V batteries is about 3 years.

In the event of replacing the batteries it is not necessary to repeat programming.

- replace the batteries paying attention to the respective polarities.
- press the S2 PROG pushbutton on the RX NO TOUCH 868 to reactivate the operation of MASTER NO TOUCH 868.

Automation of all safety devices is ready to operate.

WARNING: Remember that the batteries must be disposed of according to the legislations in force. In the event of scrapping the safety devices, we recommend to remove the LITHIUM AA 3,6V batteries and dispose of them according to legislations in force.

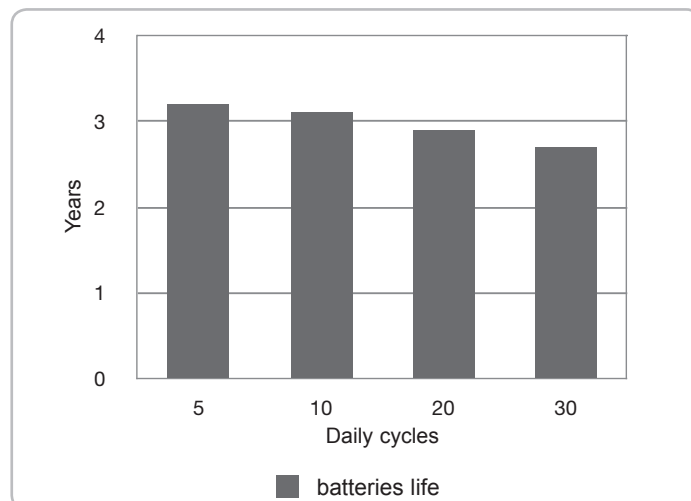
TECHNICAL CHARACTERISTICS OF MASTER NO TOUCH 868 code ACG6154

- SUPPLY	12/24V $\approx$
- VOLTAGE APPLICABLE TO TERMINAL J2	110-240V 50/60Hz
- VOLTAGE APPLICABLE TO TERMINAL J1	10-30V $\approx$
- CONSUMPTION AT REST	30 mA
- MAXIMUM CONSUMPTION	100 mA
- WORKING TEMPERATURE	-20°C ÷ +60°C
- DIMENSIONS	125x55x28 mm
- WEIGHT	0,090 kg
TECHNICAL DATA OF RADIO FREQUENCY	
- FREQUENCY	868.3 MHz
- SENSITIVITY	-108 dBm
- OUTPUT POWER	<25 mW
- TYPE OF MODULATION	FSK
- RANGE	20 m in open space

TECHNICAL CHARACTERISTICS OF NO TOUCH 868 PHOTOCELL code ACG8048

NO TOUCH 868 RECEIVER

- SUPPLY	1 x LITHIUM AA 3.6V (>2.5 Ah) batteries
- CONSUMPTION AT REST	5 μ A
- MAXIMUM CONSUMPTION	25 mA
- TYPE OF MODULATION	FSK
- BATTERY LIFE	about 3 years (with 10 daily cycles)



- WORKING TEMPERATURE	-20°C ÷ +60°C
- MAXIMUM TIME OF REACTION (TIME OF ACTIVATION OF THE RECEIVER WHEN ENGAGED)	90 ms
- TIME FROM RECOVERY TO RELEASE	90 ms
- DEGREE OF PROTECTION	IP54
- DIMENSIONS	Total height with bracket = 190 mm; width = 34.60 mm; depth = 32 mm
- WEIGHT	0,210 kg
TECHNICAL DATA OF RADIO FREQUENCY	
- FREQUENCY	868,3 MHz
- SENSITIVITY	-108 dBm
- OUTPUT POWER	<25 mW
- RANGE	20 m in free space without antenna

NO TOUCH 868 TRANSMITTER

- POWER SUPPLY	1 x LITHIUM AA 3.6V (>2.5 Ah) batteries
- CONSUMPTION	3 μ A
- TYPE OF MODULATION	FSK
- BATTERY LIFE	about 3 years
- BATTERY LIFE WITH JUMPER JP4 IN "L" POSITION	Range of the infrared signal 5 m: 3,1 years
- BATTERY LIFE WITH JUMPER JP4 IN "H" POSITION	Range of the infrared signal 10 m: 1,2 years
- WORKING TEMPERATURE	-20°C ÷ +60°C
- DEGREE OF PROTECTION	IP54
- DIMENSIONS	Total height with bracket = 190 mm; Width = 35 mm; Depth= 51,91 mm
- WEIGHT	0,210 kg with battery
TECHNICAL DATA OF INFRARED SIGNAL	
- WAVELENGTH	890 nm
- RANGE	10 m with jumper JP4 in "H" position on TX (default set to 5 m with jumper JP4 in "L" position)

WARNING



YES !



NO !

TO PULL OUT THE CARD, MAKE SURE YOU APPLY A LEVERAGE ONLY ON THE AREA INDICATED BY THE GREEN STICKER.

If you use different places you may run the risk of damaging the card.

IN THE EVENT OF DIFFICULTY

SYMPTOM	CHECK
All the LEDs on the MASTER NO TOUCH 868 are turned off	Check the voltage is 12 or 24 V $\approx$ to the terminal of the supply POWER of the MASTER NO TOUCH 868
Only the LED DL2 is on	- No safety devices are set up. Perform the photocells NO TOUCH 868 set up. OR - The safety device of the pedestrian door is active. Close the pedestrian door in the main door.
When giving a command the buzzer emits 2 tones	- Autotest failed. Check the connections between the MASTER and the control panel, set JP1 and then press the S1 PROG RX pushbutton for a moment or remove and restore the power to the installation. OR - Incorrect wiring of the common wire. Check the common wire of the control panel is connected to the COM terminal of the MASTER NO TOUCH 868, then press the S1 PROG RX pushbutton for a moment or remove and restore the power to the installation.
During the set up of the safety devices the buzzer emits 3 tones	You are attempting to set up the safety device of the pedestrian door before the NO TOUCH 868. Set up the NO TOUCH 868 photocell first.
When giving a command the buzzer emits 4 tones	Wires not connected between the output blinker on the control panel and the MASTER NO TOUCH 868. Connect them and then press the S1 PROG RX pushbutton for a moment or remove and restore the power to the installation.
The door stops and the buzzer emits 4 tones	There is the presence of vibrations from the accelerometer because of strong wind or the door is stimulated manually.
When giving a command the door tends to open, then closes and the buzzer emits 5 tones	Failure on NO TOUCH 86 receiver. Give a new command. If the problem persists, deactivate the accelerometer. If it still persists replace the receiver of the NO TOUCH 868 photocell.
When giving a command the door tends to open or close, then stops and the buzzer emits an alternate tone for 1 minute and LED DL1 flashes alternately from red to green.	- Supervision failed. MASTER NO TOUCH 868 does not receive a response from the photocell, possibly caused by metallic obstacles which prevent radio communication. - Check the MASTER NO TOUCH 868 has not been installed in a metallic container. If necessary connect an external 868,3 MHz antenna (code ACG5451) to the metallic container.
The buzzer emits a tones every 3 seconds during door operation for 1 minute and the bi-colour LED DL1 turns fixed red.	Replace the batteries of the photocell as soon as possible as they are low.
The door does not move, the buzzer emits an alternate tone for 1 minute and the bi-colour LED DL1 turns alternate red-green.	Replace the batteries of the photocell as they are dead.
The door does not open or close and the bi-colour LED DL1 turns green.	Photocell is not aligned or engaged or the battery is dead on the NO TOUCH 868 photocell transmitter.

For problems
and suggestions
Contact us at
Quality@ribind.it

ACCESSORIES

RED RADIO TRANSMITTER



for contact (not supplied) pedestrian door.
3 x AA 1,5V alkaline batteries needed (not included) code ACG6202

LITHIO AA BATTERIES



for NO TOUCH 868 photocells- 2 x 3,6V

code ACG9517



CERTIFICATO DI CONFORMITA' CERTIFICATE OF CONFORMITY

Ref. n. 12.132

alle prescrizioni tecniche contenute nelle seguenti Norme e/o specifiche tecniche
according to the technical requirements of the following Standard and/or technical specifications

- EN 12978 (2003) + A1 (2009) Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods

che conferiscono presunzione di conformità ai requisiti di protezione stabiliti dalle Direttive CEE n. 2006/42/CE Annex I per le prove applicate.

which give compliance with the protection requirements stated by EC Directives n. 2006/42/CE Annex I for applied tests.

Identificazione del prodotto:
Product identification :

NO TOUCH 868 system consisting of:
code ACG8048 (photocells)
code ACG 6154 (master)

Descrizione prodotto:
Product description:

SAFETY DEVICE FOR POWER OPERATED DOORS AND GATES

Rif. Rapporti di prova:
Ref. Test reports:

MACTR_120108-0

Rappresentante autorizzato:
Authorized representative

RIB SRL
Via Matteotti 162 - 25014 Castenedolo - Bs - Italy

Costruito da:
Manufactured by:

Come sopra
Idem as above

Si richiama l'attenzione del Costruttore che il presente Certificato consente di apporre sul prodotto sopradescritto la marcatura di conformità CE e di redigere la Dichiarazione di conformità CE quando sono soddisfatte tutte le altre disposizioni della sopracitata Direttiva e, qualora sia disciplinato da altre direttive relative ad aspetti diversi e che prevedono l'apposizione della stessa marcatura, di tutte queste altre direttive.

This certificate allows the firm to affix on the above mentioned product the CE marking and to prepare the EC Declaration of conformity when are fulfilled all other requirements of the aforementioned Directive and, where the same product is the subject of other Directives providing for the CE marking, when complies with the relevant requirements of those other Directives.

Faloppio, 03/04/2012

Giovanni Molteni
Technical Manager

European Notified Body

Sede legale : 22100 Tavernola (CO) Via Conciliazione, 1 Cod. FISC. e N. R.I. CO 02635860139

Sede operativa : Laboratori Via Campagna, 92 22020 Faloppio fraz. Gaggino (CO) Tel. +39 03135000.11 Fax +39 031991309





ATTESTATO DI CONFORMITA' STATEMENT OF CONFORMITY

Ref. n. 12.133

alle prescrizioni tecniche contenute nelle seguenti Norme e/o specifiche tecniche, che conferiscono presunzione di conformità ai seguenti requisiti essenziali indicati nella Direttiva 1999/5/CE con riferimento ai Rapporti di Prova di seguito indicati

according to the technical requirements of the following Standard and/or technical specification, which give compliance with the following essential requirements stated by Directive n. 1999/05/EC with specific reference to the following Test Report

<i>Norme Standard(s)</i>	<i>Rapporti di Prova Test Report(s)</i>	<i>Requisiti Essenziali Essential Requirements</i>
EN 50371 (2002) EN 60950-1 (2006) + A11 (2009)	ETSTR_100512 SAFTR_120108-0	Art. 3.1a - Health and Safety
EN 301 489-1 v1.8.1 (2008) EN 301489-3 v1.4.1 (2002)	EMCTR_120107-2	Art. 3.1b - Electromagnetic Compatibility
EN 300 220-2 v2.3.1 (2010)	ETSTR_100512	Art. 3.2 Effective use of the radio spectrum

Identificazione del prodotto:
Product identification :

NO TOUCH 868 system consisting of:
code ACG8048 (photocells)
code ACG 6154 (master)

Descrizione prodotto:
Product description:

SAFETY DEVICE FOR POWER OPERATED DOORS AND GATES

Rappresentante autorizzato:
Authorized representative

RIB SRL
Via Matteotti 162 - 25014 Castenedolo – BS – Italy

Costruito da:
Manufactured by:

Come sopra
Idem as above

Si richiama l'attenzione del Costruttore che il presente Certificato consente di apporre sul prodotto sopradescritto la marcatura di conformità CE e di redigere la Dichiarazione di conformità CE quando sono soddisfatte tutte le altre disposizioni della sopracitata Direttiva e, qualora sia disciplinato da altre direttive relative ad aspetti diversi e che prevedono l'apposizione della stessa marcatura, di tutte queste altre direttive.

This certificate allows the firm to affix on the above mentioned product the CE marking and to prepare the EC Declaration of conformity when are fulfilled all other requirements of the aforementioned Directive and, where the same product is the subject of other Directives providing for the CE marking, when complies with the relevant requirements of those other Directives.

Faloppio, 03/04/2012

Giovanni Molteni
Technical Manager

European Notified Body

Sede legale : 22100 Tavernola (CO) Via Conciliazione, 1 Cod. FISC. e N. R.I. CO 02635860139

Sede operativa : Laboratori Via Campagna, 92 22020 Faloppio fraz. Gaggino (CO) Tel. +39 03135000.11 Fax +39 031991309





CERTIFICATO DI CONFORMITA' CERTIFICATE OF CONFORMITY

Ref. n. 12.138

alle prescrizioni tecniche contenute nelle seguenti Norme e/o specifiche tecniche
according to the technical requirements of the following Standard and/or technical specifications

- EN ISO 13849-2 (2008) con validazione in categoria 2

che conferiscono presunzione di conformità ai requisiti essenziali di sicurezza e di tutela della salute stabiliti dalle Direttive CEE n. 2006/42/CE coperti da tale norma armonizzata
which give compliance with the essential health and safety requirements stated by EC Directives n. 2006/42/CE covered by such a harmonised standard

Identificazione del prodotto:
Product identification :

NO TOUCH 868 system consisting of:
code ACG8048 (photocells)
code ACG 6154 (master)

Descrizione prodotto:
Product description:

SAFETY DEVICE FOR POWER OPERATED DOORS AND GATES

Rif. Rapporti di prova:
Ref. Test reports:

MACTR_120343-0

Rappresentante autorizzato:
Authorized representative

RIB SRL
Via Matteotti 162 - 25014 Castenedolo - BS - Italy

Costruito da:
Manufactured by:

Come sopra
Idem as above

Si richiama l'attenzione del Costruttore che il presente Certificato consente di apporre sul prodotto sopradescritto la marcatura di conformità CE e di redigere la Dichiarazione di conformità CE quando sono soddisfatte tutte le altre disposizioni della sopracitata Direttiva e, qualora sia disciplinato da altre direttive relative ad aspetti diversi e che prevedono l'apposizione della stessa marcatura, di tutte queste altre direttive.

This certificate allows the firm to affix on the above mentioned product the CE marking and to prepare the EC Declaration of conformity when are fulfilled all other requirements of the aforementioned Directive and, where the same product is the subject of other Directives providing for the CE marking, when complies with the relevant requirements of those other Directives.

Faloppio, 10/04/2012

Giovanni Molteni
Technical Manager

European Notified Body

Sede legale : 22100 Tavemola (CO) Via Conciliazione, 1 Cod. FISC. e N. R.I. CO 02635860139
Sede operativa : Laboratori Via Campagna, 92 22020 Faloppio fraz. Gaggino (CO) Tel. +39 03135000.11 Fax +39 031991309





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**AZIENDA CON SISTEMA
DI QUALITÀ CERTIFICATO
DA DNV**

**COMPANY WITH QUALITY
SYSTEM CERTIFIED
BY DNV**

**DICHIARAZIONE DI CONFORMITÀ - DÉCLARATION DE CONFORMITÉ
DECLARATION OF COMPLIANCE - ÜBEREINSTIMMUGSERKLÄRUNG
DECLARACIÓN DE CONFORMIDAD**

Dichiariamo sotto la nostra responsabilità che NO TOUCH 868 è conforme alle seguenti norme e Direttive:

NO TOUCH 868 se conforme aux normes suivantes:

We declare under our responsibility that NO TOUCH 868 is conform to the following standards:

Wir erklaren das NO TOUCH 868 den folgenden EN-Normen entspricht:

Declaramos bajo nuestra responsabilidad que NO TOUCH 868 ed conforme a la siguientes normas y disposiciones:

EN 12978	2009	EN 61000-6-1	2007	EN 50371	(2002-03)
EN 55014-1	2000	EN 61000-6-2	2006	EN 301489-1 V1.8.1	(2008)
EN 55014-2	1997	EN 61000-6-3	2007	EN 301489-3 V1.4.1	(2002)
EN 60335-1	2008	EN 61000-6-4	2007	EN 60950-1:2006 + EN 60950-1/A11:2009	
EN 61000-3-2	2007	EN 300 220-1 V2.3.1	(2010-02)		
EN 61000-3-3	1997	EN 300 220-2 V2.3.1	(2010-02)		

Inoltre permette un'installazione a Norme - Permit, en plus, une installation selon les normes suivantes

You can also install according to the following rules - Desweiteren genehmigt es eine Installation der folgenden Normen

Además permite una instalación según las Normas:

EN13849-2 2008 - EN 13241-1 2004

Come richiesto dalle seguenti Direttive - Conformément aux Directives

As is provided by the following Directives - Gemäß den folgenden Richtlinien

Tal y como requerido por las siguientes Disposiciones:

89/106/EEC - 1999/5/EC - 2004/108/CE - 2006/95/CE

Il presente prodotto non può funzionare in modo indipendente ed è destinato ad essere incorporato in un impianto costituito da ulteriori elementi. Rientra perciò nell'Art. 6 paragrafo 2 della **Direttiva 2006/42/CE (Macchine)** e successive modifiche, per cui segnaliamo il divieto di messa in servizio prima che l'impianto sia stato dichiarato conforme alle disposizioni della Direttiva.

Le présent dispositif ne peut fonctionner de manière indépendante, étant prévu pour être intégré à une installation constituée d'autres éléments. Aussi rentre-t-il dans le champ d'application de l'art. 6, paragraphe 2 de la **Directive machines 2006/42/CEE** et de ses modifications successives. Sa mise en service est interdite avant que l'installation ait été déclarée conforme aux dispositions prévues par la Directive.

This product can not work alone and was designed to be fitted into a system made up of various other elements. Hence, it falls within Article 6, Paragraph 2 of the **EC-Directive 2006/42 (Machines)** and following modifications, to which respect we point out the ban on its putting into service before being found compliant with what is provided by the Directive.

Dieses Produkt kann nicht allein funktionieren und wurde konstruiert, um in einen von anderen Bestandteilen zusammengesetzten System eingebaut zu werden. Das Produkt fällt deswegen unter Artikel 6, Paragraph 2 der **EWG-Richtlinie 2006/42 (Maschinen)** und folgenden.

El presente producto no puede funcionar de manera independiente y está destinado a ser incorporado en un equipo constituido por ulteriores elementos. Entra por lo tanto en el Art. 6 párrafo 2 de la **Directiva 2006/42/CEE (Máquinas)** y sucesivas modificaciones, por lo que señalamos la prohibición de puesta en servicio antes de que el equipo haya sido declarado conforme con las disposiciones de la Directiva.

Legal Representative

(Rasconi Antonio)

01/02/2012



MADE IN ITALY

Questo prodotto è stato completamente progettato e costruito in Italia · Ce produit a été complètement développé et fabriqué en Italie · This product has been completely developed and built in Italy · Dieses Produkt wurde komplett in Italien entwickelt und hergestellt · Artículo totalmente proyectado y producido en Italia

COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= **ISO 9001:2008** =



automatismi per cancelli
automatic entry systems

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