

# STOPPER



BARRIERA A CATENA  
BARRIÈRE À CHAÎNE  
CHAIN BARRIER

CE

Operatore Operateur Operator	Alimentazione Alimentation Power Supply	Peso max catena Poids maxi chaîne Max chain weight	Codice Code Code
STOPPER MASTER	230V 50/60Hz	8,5Kg	AA51200
STOPPER SLAVE			AA51205

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

FOLLOW ALL INSTALLATION 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° - The wiring harness of the different electric components external to the operator (for example photoelectric cells, flashlights etc.) must be carried out according to the EN 60204-1.
- 3° - The possible assembly of a keyboard for the manual control of the movement must be done by positioning the keyboard so that the person operating it does not find himself in a dangerous position; moreover, the risk of accidental activation of the buttons must be reduced.
- 4° - Keep the automatism controls (push-button panel, remote control etc.) out of the children way. The controls must be placed at a minimum height of 1,5 m from the ground and outside the range of the mobile parts.
- 5° - 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.

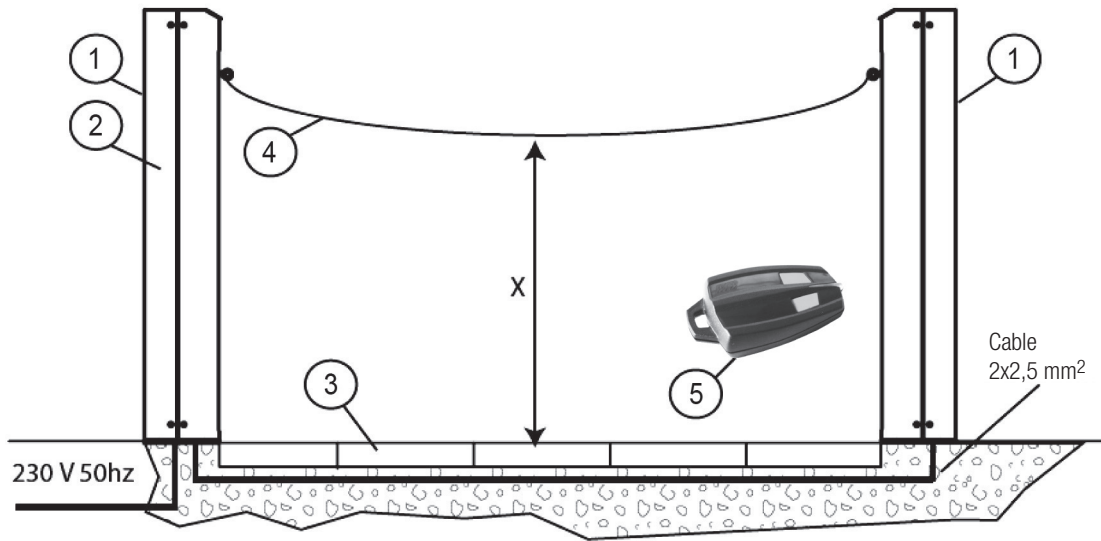
**KEEP THESE INSTRUCTIONS WITH CARE**

- 1° - If it is not forecast in the electric gearcase, install a switch of magnetothermic type upstream, (omni polar with minimum port of the contacts of 3 mm) with a check of conformity to the international standards. Such devise must be protected against the accidental lockup (for example by installing inside a locked board).
- 2° - For the section and the type of the motor cables, RIB advices to use a cable of the H05RN-F type with minimum section of 2,5 sqmm and, in any case, to keep to the IEC 364 standard and to the installation standards in force in your country.

**N.B.: The system must be grounded**

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

LAY-OUT



1

Description:

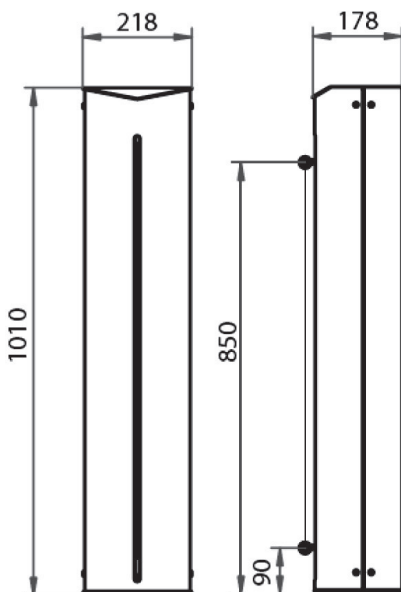
- 1 - Chain barrier STOPPER
- 2 - Control unit
- 3 - Chain protection ramp ACG5481
- 4 - Chain ACG5480
- 5 - Radio transmitter

Lenght of the chain (m)	4	6	8	10	12	14	16	18	20
Relative height in the middle X (cm)	75	70	65	60	55	50	45	40	35

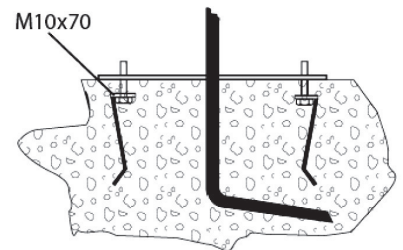
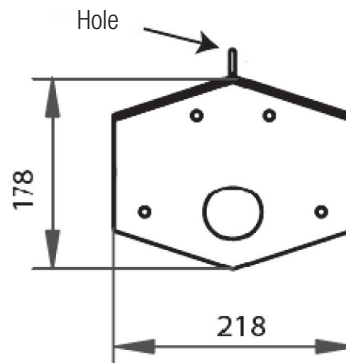
TECHNICAL DATA		STOPPER
Power supply		230 V- 50/60 Hz
Current Draw	A	1
Motor Power	W	60
Force	Nm	645
Service		50%
Operating temperature	°C	-20 ÷ +55
Protection Degree	IP	34
Lubrication		Permanent
Weight	kg	25
Max chain weight	kg	8,5

ATTENTION: The value in the table has been determinated using a chain of 400 grams/meter.

DESCRIPTION AND DIMENSION OF THE COLUMN



2



3

## INSTALLATION

All measures are expressed in millimeters unless otherwise indicated.

### PRELIMINARY CONTROLS

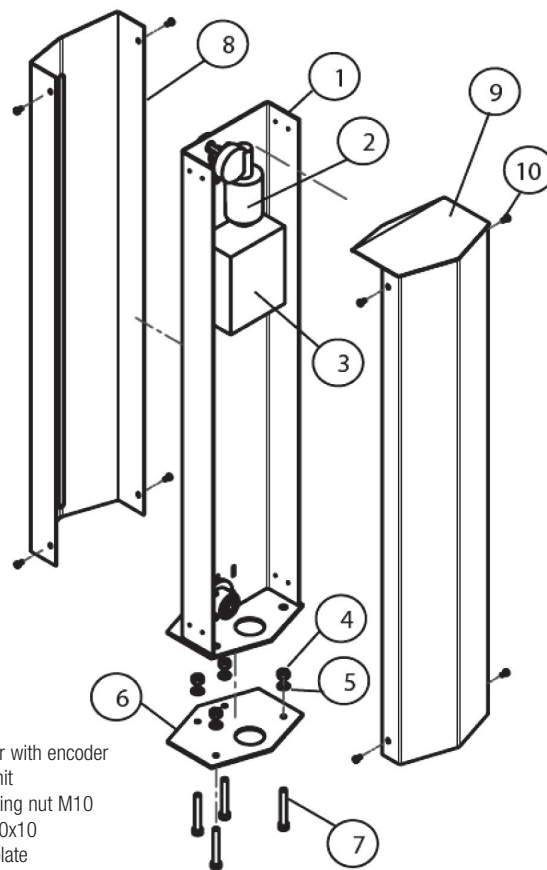
- Control the stability and solidity of the zone where the columns are going to be fixed.
- Use an omnipolar interrupter with contact distance of at least 3 mm.
- The connection to the power supply must be separated than the connections to the security and commanding devices.

### INSTALLATION OF THE COLUMN (fig. 1, fig. 3, fig. 4)

1. Screw in for 1,5 - 2,0 cm the 4 screws M10x70 in dotation to the base.
2. Place than the base on the previously prepared base of cement (fig. 3).
3. The upper part of the base should be clean and perfectly horizontal.
4. Pass the plastic tubes of the cables through the central opening on the base and check again the stability of the base.
5. Unscrewing the 8 screws (10) take off the frontal (8) and the rear cover (9) of the column (fig. 4).
6. Place now the column structure on the base.
7. Fix now the column to the base with the 4 washers (5) and 4 nuts (4).
8. Fix the frontal covers (8) of both columns with 4 screws (10).
9. Now you can fix the chain to the apposite holes on both columns respecting the level X in the middle of the chain barrier indicated at the table (fig. 1).

### MAINTANENCE PLAN (EVERY 6 MONTHS)

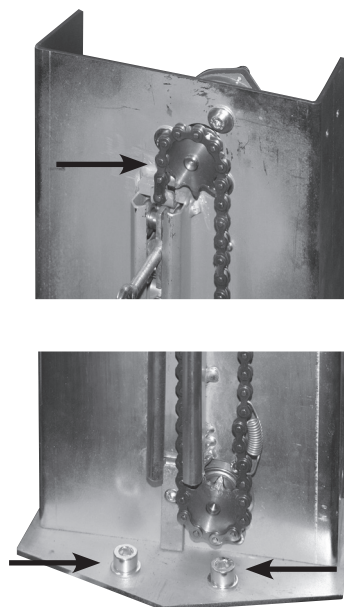
1. Cut the power supply off or disconnect the batteries if present. Clean and grease the guide and the pignons internally.
2. See if there are worned parts and replace these if necessary.
3. Grease the internal transmitting chain (fig. 5).
4. Check the fixation nuts (fig. 6).
5. Control the electrical connections.
6. Supply the power again.
7. Check out the correct functioning of the obstacle recognition (encoder system).
8. Check out the correct functioning of all and of the security commands.



#### Description:

- 1 - Column
- 2 - Gearmotor with encoder
- 3 - Control unit
- 4 - Autoblocking nut M10
- 5 - Washer 20x10
- 6 - Backing plate
- 7 - Screw M10x70
- 8 - Anterior cover
- 9 - Posterior cover
- 10 - Closing screw M5x10

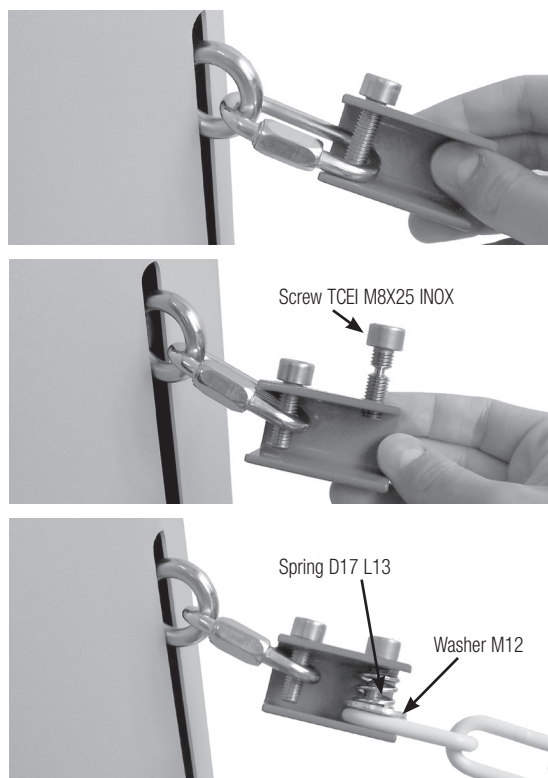
4



5

6

### MECHANICAL FUSE INSTALLATION



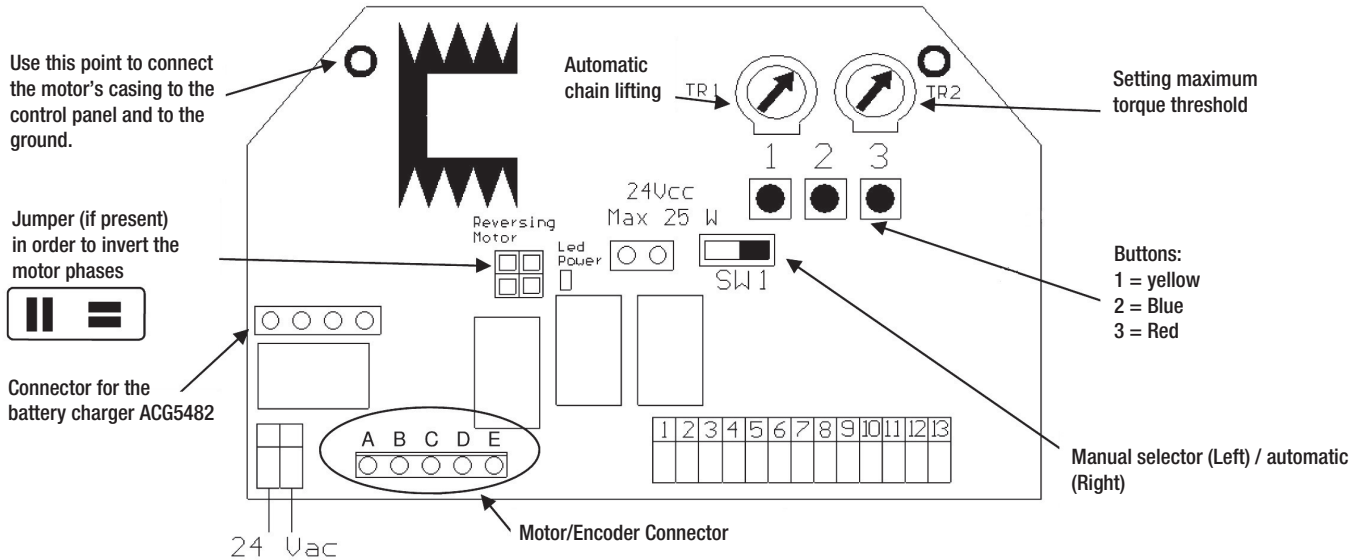
# STOPPER CONTROL BOARD

## 1. INTRODUCTION

STOPPER is a control unit dedicated to the movement of the chain barrier with 24Vdc motor. The coexistence of various types of safeties such as the control of the absorbed power by the motor and the velocity of the motor allows a rapid intervention of the anti - squeezing security (sense). Through the encoder present in the motor it is possible to control the exact position of the chain and to use it without mechanical limit switches.

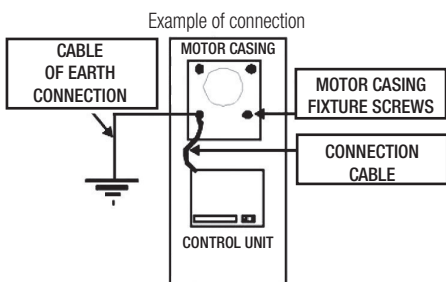
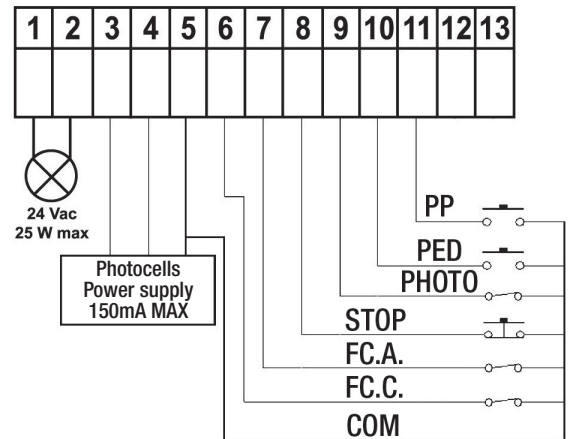
The control unit has inputs for mechanical limit switches, for the step by step button, for the pedestrian opening, for the safety photocells and the output for flashing light 24 Vac. The unit also allows the regulation by trimmer both the automatic chain lifting and the motor force. Action can control motors at 24 - 30 Vcc with a maximum consumption of 7A.

## 2. CONFIGURATION

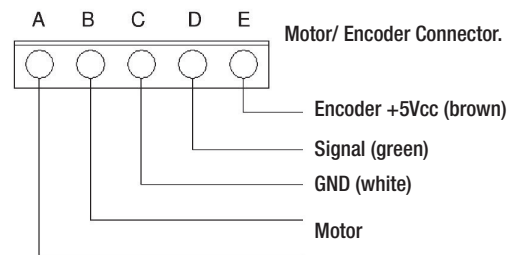
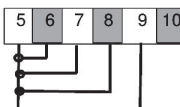


## 3. ELECTRICAL CONNECTIONS

Terminal	Function	Setting
1-2	Flashing signal output	Out: 24 Vac 25W MAX
3	Positive power supply TX & RX photocell	Out: +24Vcc <b>150mA MAX</b>
4	Negative power supply TX photocell	Out: GND TX
5	Negative power supply RX photocell and common button and safety	Out: GND RX Common
6	STOP of the chain raising	Normally closed (NC)
7	STOP of the chain lowering	Normally closed (NC)
8	STOP button input	Normally closed (NC)
9	RX photocell contact input	Normally closed (NC)
10	Pedestrian button input	Normally open (NO)
11	Step by step button input	Normally open (NO)
12	Not to use	
13	Not to use	



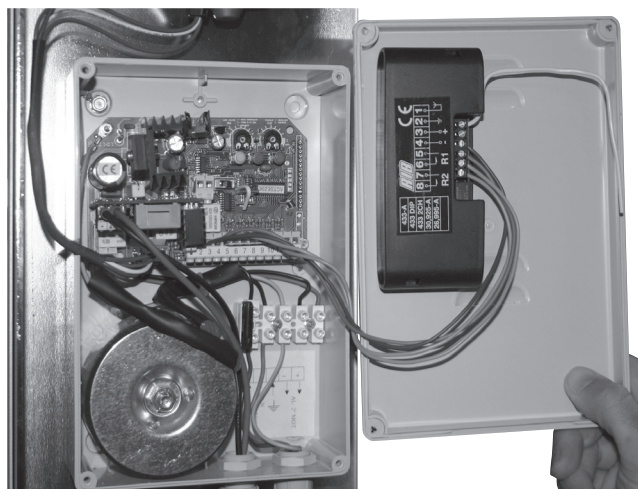
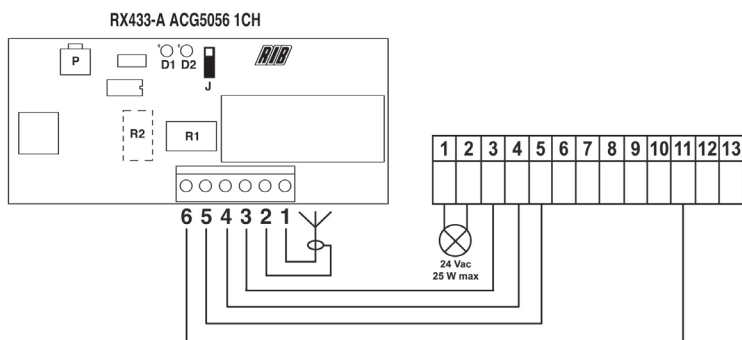
*Any contact which is Normally Closed (N.C.) Must be bridged to the common if not used.*



**IMPORTANT:** to obtain a correct working of the accessories (photo devices in particular) connected to the control box, it is very important that the entire system (motor+ control box) has a single mass reference system.

You must therefore connect a small cable between the motor casing and the control box at the point shown in the figure. If there is a good ground connection it is advisable to connect it to the system.

### 3.1 OPTIONAL RADIORECEIVER CONNECTIONS



Please refer to the instructions of RX433-A 1CH - RX433-A 2CH.

After the radio receiver has been connected, it can be glued, thanks to its bi-adhesive to the control board plastic top box, preferable from to the interior side. If you do not install a dedicated aerial, it suggest connecting a wire, 17cm long, to the first pin of the radio receiver terminal block.

## 4. SETTINGS

This chapter contains important informations for a secure and correct installation. Follow exactly all the instructions because a wrong installation can cause serious damages to the automation.

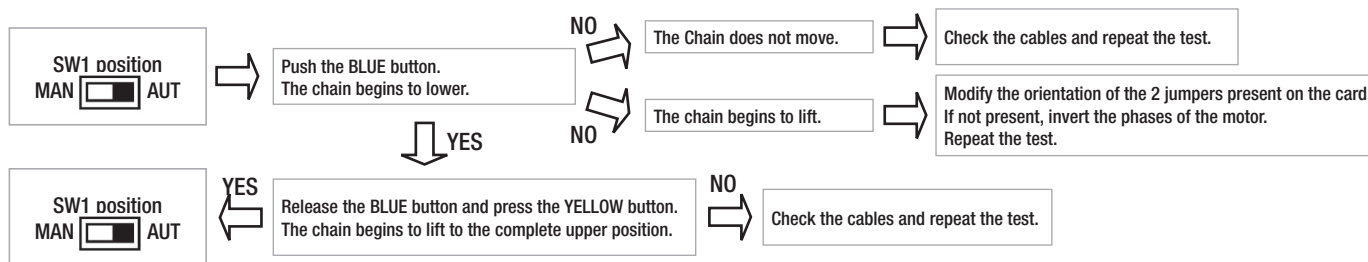
### 4.1 PRELIMINARY CHECKS

Before powering up the control panel, check the wirings. In particular check that there are no damaged wires, short-circuits between wires and that all the accessories are connected to the terminal board in the points indicated in the diagram on the previous page. Once the power supply is on check that:

1. The POWER LED is constantly on.
2. The radio module is inserted and working.
3. The motor and the encoder connections are correct by following the procedure described below.

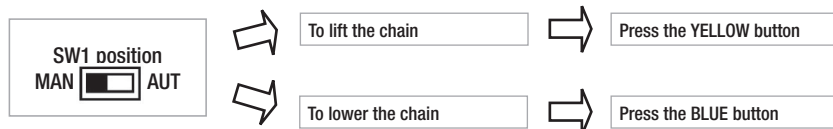
This procedure allows us to check the rotation sense of the motors, any possible blockages during the movement of the chain. It is important to carry out this check in order to locate any wiring errors or anything else that can jeopardize.

**N.B.: During this handling the photocells, the radio and the buttons are NOT active.**



### 4.2 MANUAL MOVING

This procedure must be carried out ONLY by the installer and ONLY during the setting up of the system. The movement can be effectuated in particular situations in which it is not possible to move the chain to the lifted position in automatic mode.



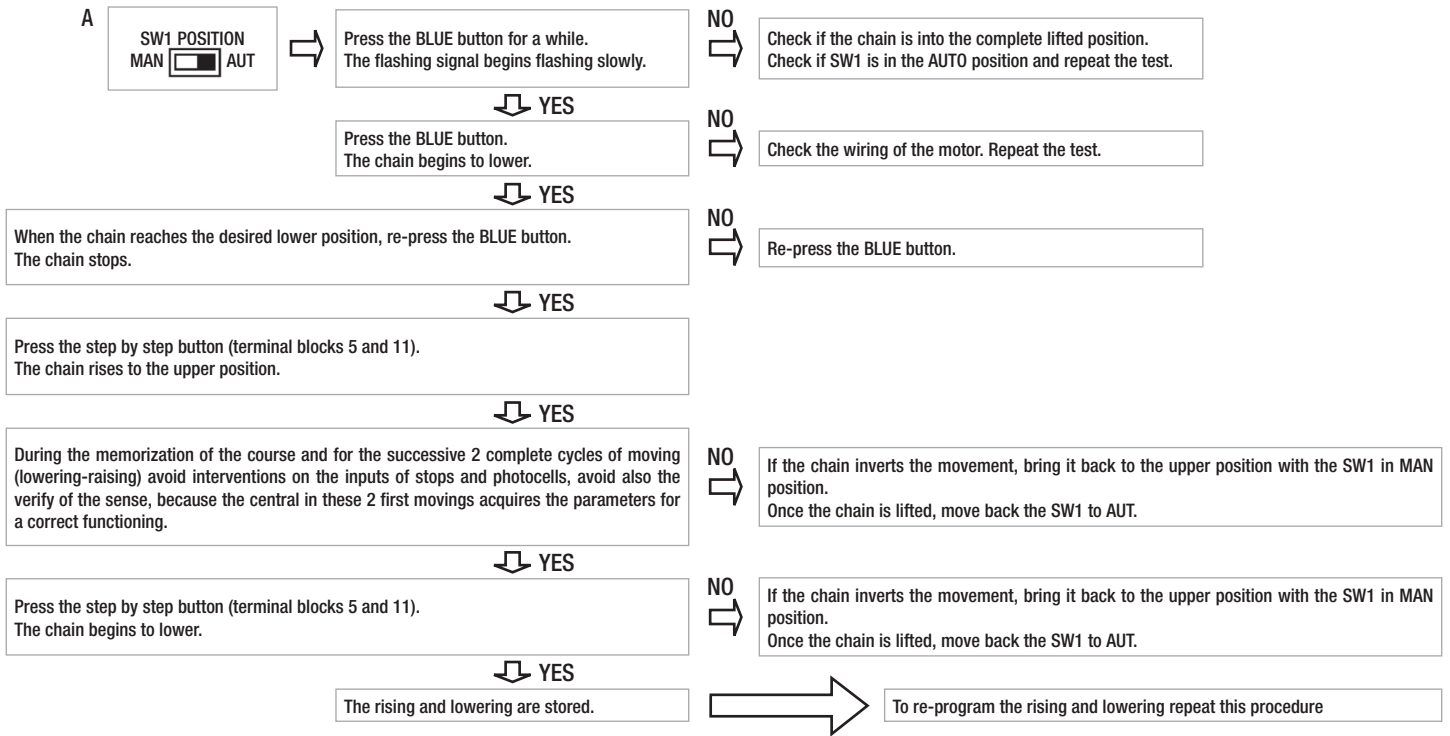
**WARNING: the reactivation of the automatic mode (AUT) implies the use of the reached position as totally lifted position.**

**WARNING: During the manually moving, the anti-squeezing safety is not active.**



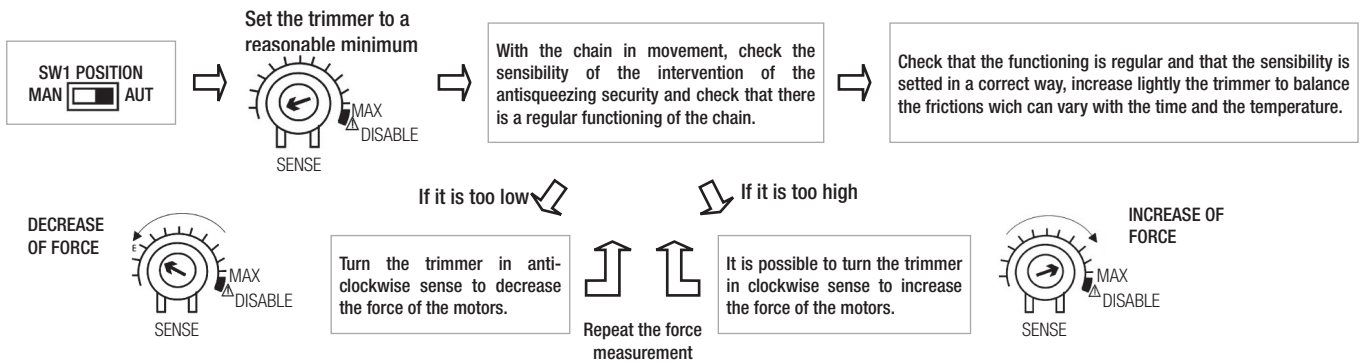
### 4.3 SETTING THE CHAIN MOVEMENT

This procedure must be carried out ONLY by the installer and ONLY during the setting up of the system.  
The movement can be effectuated in particular situations in which it is not possible to lift the chain in automatic mode.



### 4.4 REGULATION OF THE ANTI-SQUEEZING SECURITY

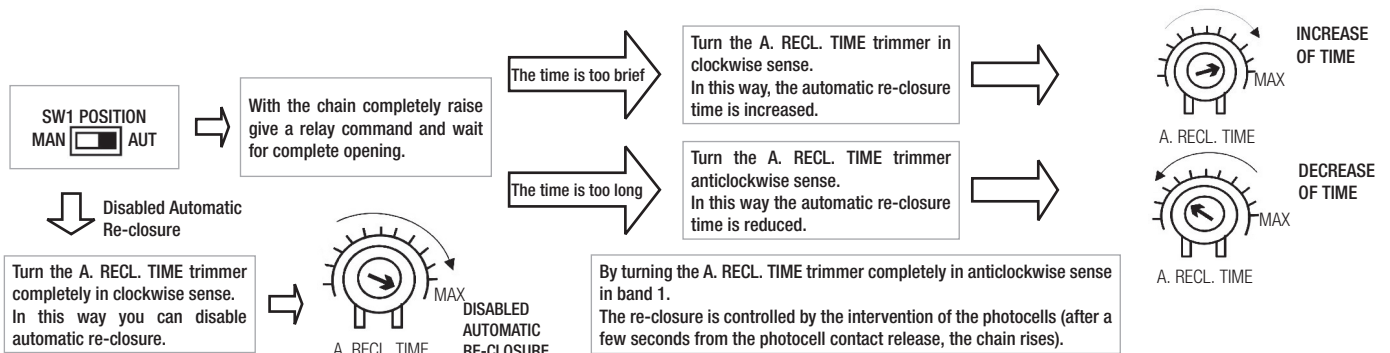
This procedure must be carried out ONLY by the installer and ONLY during the setting up of the system.  
The movement can be effectuated in particular situations in which it is not possible to move the chain to the lifted position in automatic mode.



**WARNING: With the trimmer in disabled position ( flashing light turned on), the anti-squeezing security is excluded.**

### 4.5 REGULATION OF THE AUTOMATIC RE-CLOSURE TIME

This procedure must be carried out ONLY by the installer and ONLY during the setting up of the system.  
The movement can be effectuated in particular situations in which it is not possible to move the chain to the lifted position in automatic mode.



## 5. ADVANCED FUNCTIONS

This procedure must be carried out ONLY by an installer and ONLY during setting up of the system.

For correct setting, before carrying out alterations, bring the chain to the completely closed position (up) (see paragraph 4.2).

### 5.1 RESET

In case if it is necessary to reset the control unit proceed as follows (total erasing of the memory and deactivation of pre-blinking, photocell test and multi-user function):

1. Remove power supply from the system.
2. Set the selector SW1 on AUT (automatic).
3. Press the red button.
4. Keep it pressed while reconnecting the power supply.
5. Keep it pressed until the flashing signal lights up for the 3rd time.
6. Release the button and wait until the flashing light turns off. The reset is done

## 6. ENABLING AND DESABLING THE PRE-FLASHING, PHOTOCELL TEST AND THE MULTI-USER FUNCTION

To modify the status of any of these functions it is necessary to enable the setting mode. In the phase of learning the control unit automatically goes through all possible functions in which it is possible to intervene.

The led of the flashing light and the POWER led on the control board indicate that the selected function each time with a variable number of flashings.

The passage from a function to another one is executed automatically (it is enough to maintain always pressed the red button).

The control unit starts selecting the first function ( signaled by 1 flashing), successively, keeping pressed the red button you pass at the second function (signaled by 2 flashings) and so on. To enable the setting / learning mode proceed as follows:

1. Raise the chain to its upper position (the SW1 switch has to be turned to the AUT position).
2. Press and keep pressed the red button.
3. After 4 - 5 seconds the led of the flashing - light executes a series of 8 flashings (notifying the next entry to the learning mode). Once the series of flashings end the control unit is in the learning mode. Do not release the red button yet.
4. Once individualized (through the number of flashings of the flashing-light led) the function that you want to modify, release the red button. In this way the function is selected. Once selected the function, the control unit puts in evidence the setting by flashing with a slow frequency (1 flashing/second) or with a rapid frequency (2 flashings / second) as pointed out on the next table.
5. Press now the button (see table) correspondent to the new status you wish set for the selected function. The frequency of flashing will vary according to the chosen mode.

At this point it is possible to modify further functions or, if you have finished, go out from the setting phase.

In case you want to modify other functions, press and keep pressed the red button.

After few seconds, the control unit will start again to select in sequence the several functions. Instead if you want to exit from the learning mode, it is sufficient to bring the lever of the selector Sw1 in manual position, wait 1-2 sec and successively report it in automatic position.

### 6.1 PRE-FLASHING

The chain movement is always signaled by a pre-blinking, advising the user that the chain is next to move.

### 6.2 MULTI-USER FUNCTION

During the opening phase of the chain, every other command is ignored.

Once opened the chain (completely down), it is possible to close it using the step-by-step command or using the automatic re-closure.

During the closing phase, a step-by-step command blocks and inverts the movement.

### 6.3 PHOTOCELL TEST

**Connect just one pair of photocells (max 150mA)**

Every time the motor is switched on, the control unit automatically controls if the photocells are functioning properly.

This operation increases the security system.

If a photocell is damaged (for instance output relay stuck) or in case of undesired photocell input short circuit.

This test is executed immediately after that the control unit has received an order of "moving", but before power is applied to the motor.

In this way, the control unit gets out of the learning mode and prepares itself for the normal functioning.

No. of flashes	Selected function	Flash	Yellow button	Blue button
1	Pre-flashing	Slow = disabled	activation	deactivation
other 2	Photocell Test	Fast = disabled	activation	deactivation
other 3	Multi-user setting	Slow= disabled	activation	deactivation
other 4	Reserved			
other 5	Reserved			
other 6	Reserved			

## 7. PROBLEMS AND THEIR SOLUTIONS

Type of problem	Probable cause	Solution
Once a lift command is pressed, the chain does not move.	Lack of electrical power supply	Check the presence of the electrical voltage and all the connections to the electrical network
	Burned fuse	Replace the fuse with a similar one
Once a lift command is pressed, the chain rises for brief time and then stops.	Incorrect encoder connection	Check the connections of the encoder's wires
Once a lower command is pressed, the chain rises.	Jumper direction motor inverted	Invert the Jumpers.
The programming procedure cannot be activated.	The chain is not completely lifted.	Lift the chain with the manual procedure. If the chain is already lifted, turn SW1 to MAN, wait 1 second, turn SW1 to AUT. Try again.
The control panel is powered but the chain does not move.	A normally closed input is not active	Check the photocell, stop and limit switch input. If not used they must be bridged to the common.



**OPTIONALS** - For the connections and the technical data of the fixtures follow the relevant handbooks.

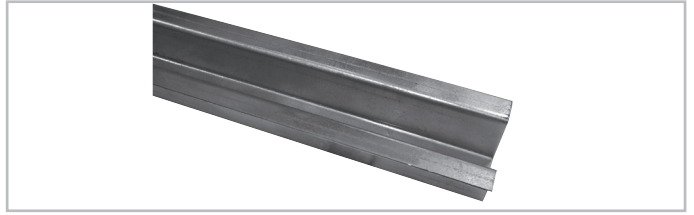
**STEEL CHAIN**



Ø 6 mm red and white.

code ACG5480

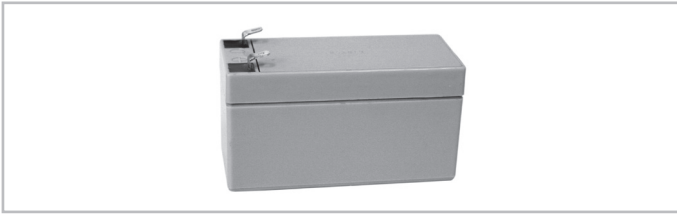
**CHAIN PROTECTION RAMP**



to fit at floor level. L = 2 m

code ACG5481

**BATTERY**



1,2Ah 12V

code ACG9511

**BATTERIES CHARGER STOPPER**



code ACG5482

**RADIO TRANSMITTER SUN**



SUN 2CH code ACG6052  
SUN CLONE 2CH code ACG6056

SUN 4CH code ACG6054  
SUN CLONE 4CH code ACG6058

**CODE LEARNIG SYSTEM RADIORECEIVERS**



S433 1CH	1-channel with terminal Block	code ACG5082
S433 2CH	2-channels with terminal Block	code ACG5084
S433 4CH	4-channels with terminal Block	code ACG5086

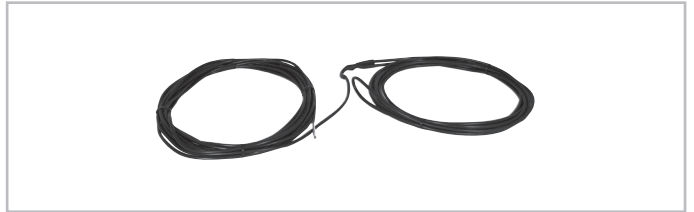
**METALLIC MASS DETECTOR**



to open with vehicles  
1 channel - 230 Vac  
1 channel - 12÷24 Vac/dc  
2 channels - 12÷24 Vac/dc

code ACG9060  
code ACG9063  
code ACG9064

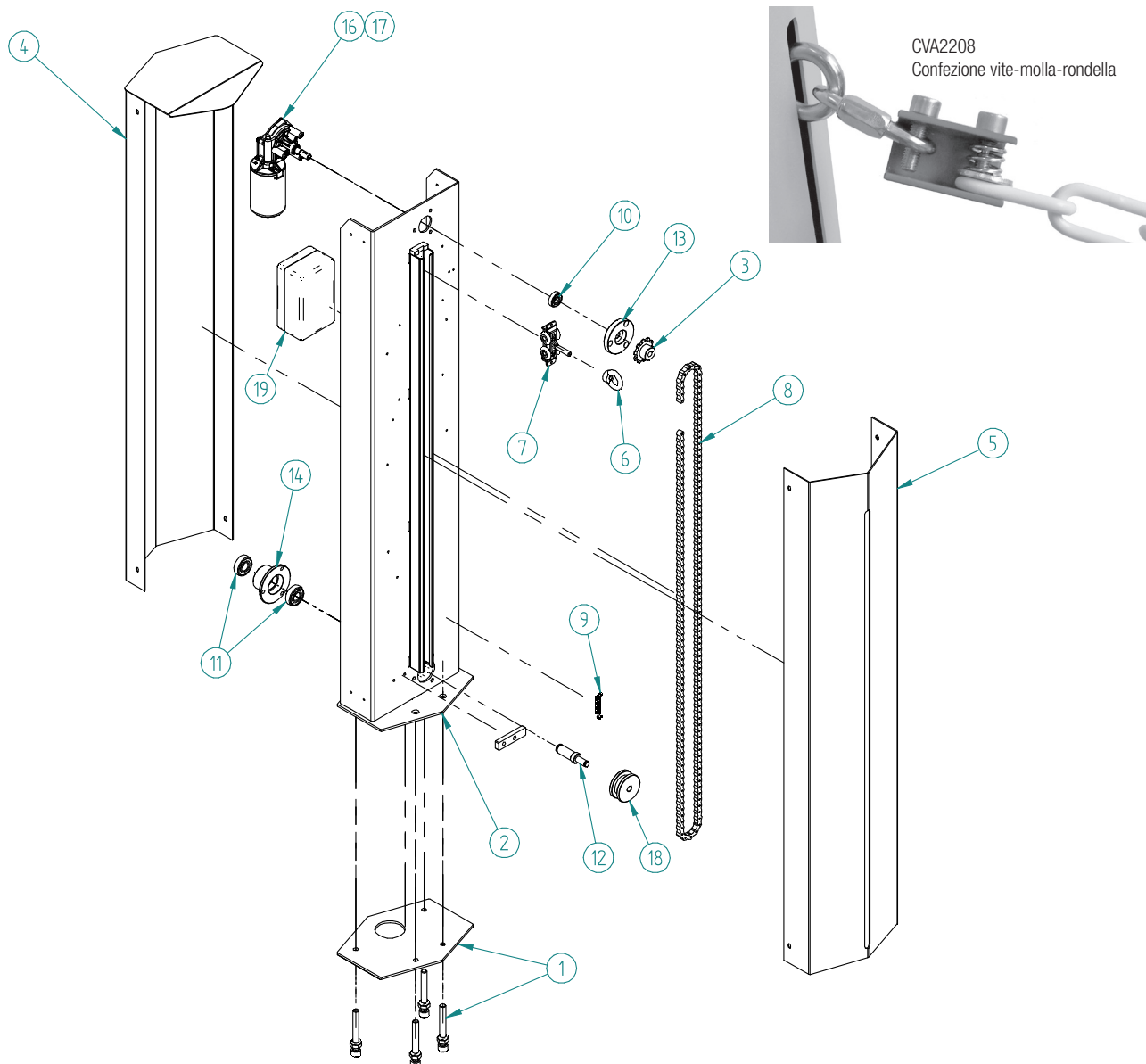
**LOOP PRE-ASSEMBLED**



6 m - perimeter 2 x 1 + 15 m of cable  
10 m - perimeter 3 x 2 + 15 m of cable

code ACG9067  
code ACG9068


# STOPPER



Pos.	Codice	Descrizione	Q.tà Colonna Master	Q.tà Colonna Slave					
1	CVA2202	PIASTRA DI FONDAZIONE	1	1	10	CVA2283	CUSCINETTO SU ALBERO MOT (ISB 6200 2RS)	1	1
2	CVA2280	TELAIO LAMIERA ZINCATA	1	1	11	CVA2284	CUSCINETTO ALBERO RINVIO (ISB 6202 2RS)	2	2
3	CVA2279	PIGNONE 10 DENTI	2	2	12	CVA2296	ALBERINO DI RINVIO PIGNONE	1	1
4	CVA2304	CARTER POSTERIORE GRIGIO RAL7040	1	1	13	CVA2297	FLANGIA ALLUMINIO SUPPORTO MOTORE	1	1
5	CVA2303	CARTER ANTERIORE GRIGIO RL7040	1	1	14	CVA2298	FLANGIA ALLUMINIO SUPPORTO RINVIO	1	1
6	CVA2251	GOLFARO	1	1	16	CVA2254	MOTORIDUTTORE 60KG DX CON ENC	1	0
7	CVA2252	CARRELLO TRAINO+ STAFFA INOX	1	1	17	CVA2281	MOTORIDUTTORE 60KG DX NO ENC	0	1
8	CVA2253	CATENA 1/2" + GIUNTI	1	1	18	CVA2306	RUOTA RINVIO CATENA IN NYLON	1	1
9	CVA2282	MOLLA TENDICATENA	1	1	19	BC07076	QUADRO x IN BOX senza M3	1	0

**Dichiarazione di incorporazione per le quasi-macchine - Direttiva Macchine 2006/42/CE, Allegato II., B**  
**Déclaration d'incorporation pour les quasi-machines - Directive Machines 2006/42/CE, Annexe II, B**  
**Declaration of incorporation for partly completed machinery - Machinery Directive 2006/42/EC, Annex II., B**  
**Einbauerklärung für unvollständige Maschinen - Maschinenrichtlinie 2006/42/EG, Anhang II, B**  
**Declaración de incorporación de una cuasi máquina - Directiva de Máquinas 2006/42/CE, Anexo II, B**

**R.I.B. S.r.l. - Via Matteotti, 162 - 25014 Castenedolo - Brescia - Italy**  
**Tel. ++39.030.2135811 - www.ribind.it - ribind@ribind.it**

Apparecchio modello : Modèle d'appareil : Apparatus model : Vorrichtung Modell : Modelo de aparato :  <p align="center"><b>STOPPER</b></p>	Oggetto della dichiarazione : Objet de la déclaration : Object of the declaration : Gegenstand der Erklärung : Objeto de la declaración :  	
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**I seguenti requisiti essenziali della Direttiva Macchine (2006/42/CE) sono applicati e rispettati:**

- La documentazione tecnica pertinente è stata compilata in conformità alla parte B dell'allegato VII; tale documentazione, o parti di essa, sarà trasmessa per posta o per via elettronica, in risposta ad una richiesta motivata da parte delle autorità nazionali competenti.
- Questa quasi-macchina è conforme alle disposizioni delle seguenti altre direttive CE: **Direttive 2014/30/UE e 2014/35/UE**
- Sono stati applicati e rispettati tutti i requisiti essenziali pertinenti di cui all'allegato I della direttiva UE 2006/42/CE mediante il rispetto delle norme armonizzate applicate che conferiscono presunzione di conformità ai requisiti essenziali specifici delle Direttive applicabili da esse coperti.

AVVERTENZA: Altri requisiti e altre Direttive UE possono essere applicabili ai prodotti oggetto di questa dichiarazione.

**Les exigences essentielles suivantes de la Directive Machines (2006/42/CE) sont appliquées et satisfaites:**

- La documentation technique pertinente est constituée conformément à la partie B de l'annexe VII; ces documents, ou des parties de celui-ci, seront envoyés par la poste ou par voie électronique, en réponse à une demande motivée des autorités nationales compétentes.
- Cette quasi-machine est en conformité avec les dispositions des autres directives CE suivantes: **Directives 2014/30/UE et 2014/35/UE**
- Les exigences essentielles pertinentes indiquées dans l'annexe I de la Directive UE 2006/42/CE ont été appliquées, au moyen du respect des normes harmonisées donnant présomption de conformité aux exigences essentielles pertinentes spécifiques des

Directives Européennes, couvertes par de telles normes ou parties de celles-ci.

ATTENTION: On peut appliquer d'autres exigences et d'autres Directives Européennes aux produits couverts par cette déclaration.

**The following essential requirements of the Machinery Directive (2006/42/EC) are abided by and applied:**

- The relevant technical documentation is compiled in accordance with Part B of Annex VII; such documentation, or parts of it, will be sent by post or by electronic means, in response to a motivated request received from the qualified national authorities.
- This almost complete-machinery is conformed with the provisions of these others EC directives: **Directives 2014/30/EU and 2014/35/EU**
- All relevant essential requirements as given in Annex I of the EU Directive 2006/42/EC have been applied to the product. Compliance with the cited harmonized standards provides presumption of conformity with the specified essential requirements of the Directive covered by those Standards or parts thereof.

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this Declaration  
**Die folgenden grundlegenden Anforderungen der Maschinenrichtlinie (2006/42/CE) angewendet werden und erfüllt:**

- Die technischen Unterlagen gemäß Teil B des Anhangs VII zusammengestellt; Unterlagen, oder Teile davon, werden per Post oder auf elektronischem Wege übermittelt werden, in Reaktion auf einen begründeten Antrag bei den zuständigen nationalen Behörden.

· Diese unvollständige Maschine in Übereinstimmung mit den Bestimmungen der folgenden anderen CE-Richtlinien: **Richtlinien 2014/30/EU und 2014/35/EU**

· Alle grundlegenden Anforderungen, gemäß Anhang I der Richtlinie UE 2006/42 /CE, angewendet wurden. Die Übereinstimmung mit den genannten harmonisierten Normen sieht die Vermutung der Übereinstimmung mit den festgelegten grundlegenden Anforderungen der Richtlinie vor, die unter diese Normen oder Teile davon fallen.

ACHTUNG: Weitere Anforderungen und andere EU-Richtlinien können für Produkte dieser Erklärung unterliegen angewendet werden.

**Los siguientes requisitos esenciales de la Directiva de Máquinas (2006/42/CE) se cumplen y aplican:**

- La documentación técnica correspondiente se elaborará de acuerdo con la Parte B del Anexo VII; dicha documentación, o partes de ésa, será enviada por correo o por medios electrónicos, en respuesta a una solicitud motivada de las autoridades nacionales competentes.
- Esta cuasi-máquina está conforme con las disposiciones de las siguientes otras directivas de la CE: **Directivas 2014/30/UE y 2014/35/UE**
- Se han aplicado y se ha cumplido con todos los requisitos esenciales pertinentes del Anexo I de la Directiva de la UE 2006/42/CE mediante el cumplimiento de las normas armonizadas aplicadas que dan presunción de conformidad con los requisitos esenciales específicos de las directivas aplicables cubiertos por ellas.

ADVERTENCIA: Otros requisitos y otras Directivas de la UE pueden ser aplicables a los productos cubiertos por esta norma.

L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione:

L'objet de la déclaration décrit ci-dessus est en conformité avec la législation d'harmonisation de l'Union:

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Die Aufgabe der Erklärung oben beschrieben, ist in Übereinstimmung mit den einschlägigen EU-Harmonisierungsvorschriften:

El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización de la Unión pertinente:


EN 12635:2002+A1:2008  
 EN 13241-1:2003+A1:2011  
 EN 55014-1:2006+A1:2009+A2:2011

EN 55014-2:2012+A1:2014  
 EN 60335-1:2016  
 EN 60335-2-103:2015

EN 61000-3-2:2014  
 EN 61000-3-3:2013  
 EN 61000-6-1:2007

EN 61000-6-2:2005  
 EN 61000-6-3:2007+A1:2011  
 EN 61000-6-4:2007+A1:2011

- 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.
- Este producto no puede funcionar de manera independiente y se tiene que incorporar en una instalación compuesta por otros elementos. Está incluido por lo tanto en el Art. 6 párrafo 2 de la Disposición 2006/42/CEE (Maquinaria) y sus siguientes modificaciones, por lo cual destacamos que está prohibido poner la instalación en marcha antes de que esté declarada conforme a la citada Disposición.

  
 (Bosio Stefano - Presidente)

Castenedolo, 01-01-2017

**CE**  
**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



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