

READ AND FOLLOW ALL INSTRUCTIONS

GENERAL



This swing gate operator system is designed to control vehicular traffic only. This operator system must never be used as a means to control pedestrian or bicycle traffic. Serious injury or death to pedestrians may result if this operator is used in this manner.

If pedestrian traffic is expected to be near or needs to walk through, a separate pedestrian lane or pedestrian gate is required. Never allow pedestrians or pets to pass through this gate system.



Reversing devices are required to prevent the gate from closing on vehicular traffic. It is appropriate to the gate design and gate application.

This vehicular gate operator is intended to be a part of a total gate operating system. It is the responsibility of the purchaser and installer to ensure the total system is safe for its intended use.

BEFORE INSTALLATION

Check to be sure this is the proper gate operator system for the intended use.

Be sure the gate has been properly installed, gate posts are plumb and gate leaves operate freely. Make any necessary repairs to the gate before installing this equipment.

A separate pedestrian gate is required if pedestrian traffic is expected to be near or if pedestrians need to walk through. Furthermore, photo-eyes and/or reversing edges need to be added to help prevent injuries.

Only qualified personnel should install this equipment. Failure to meet this requirement could cause severe injury and/or death, for which the manufacturer/distributor can not be held responsible.

Review this installation manual and the gate operator system prior to installation, maintenance and service.

DURING INSTALLATION



Check that the main power supply circuit breakers are separate, intended solely for this equipment and rated for 15 AMPS. Visually check that the circuit breakers are in the "OFF" position and mark the circuit breakers "USED" prior to installation.

Place all access devices a minimum of 10 feet away from the gate. Install access devices in a way the user can see, but not touch the operator and/or gate while operating the controls. Install controls so that unauthorized use is prevented.

Reversing devices such as loops, photo-eyes, and/or reversing edges are required to prevent the gate from closing on vehicular traffic and/or help prevent injuries to pedestrians. It is appropriate to the gate design and application.



Always disconnect power supply when servicing this equipment.

If this gate operator system includes a battery backup, the battery backup system needs to be disconnected first, prior to disconnecting main power supply during installation, maintenance and servicing procedures.

AFTER INSTALLATION

Check to make sure the gate operator system is working properly, that the open and close force are properly adjusted, that the piston does not bottom out in either direction, that breather screws have been removed, that the positive stops used are sufficient for stopping the gate properly, and that all pinch points and potential entrapment areas are reduced.

Check and test all reversing devices for proper operation.

The installer of this system needs to read and understand the operation of this gate operator system, its safety features and know how to place the gate in manual operation.

Show end user the proper operation of this gate system. Explain how the reversing system works. Show user how to place gate operator system in manual operation.

This manual is to be left with the end user.

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GROUNDING



Good grounding and proper surge suppression are an integral part of proper installation for a gate operator system. One or all of the following may require surge suppressors: high voltage power lines, low voltage power lines, telephone lines, data lines, low voltage control lines and loops. How much surge suppression is required depends upon how susceptible the area is to lightning and power surges. Regardless, good grounding is essential. To realize maximum protection, proper grounding and proper surge suppression is absolutely necessary.



If the circuit breaker box is located close to the gate operator system, for example, in a guard house, then the ground from that circuit can be used to ground the gate operator system. Eliminate all 90° bends in ground wires and keep a minimum of three feet between the surge suppressor and the equipment being protected.



If the power source or circuit breaker box is not located close to the gate operator system an Isolated Ground Zone (IGZ) needs to be created. An IGZ can also be created if the circuit breaker box is located close by the gate operator system. An IGZ is an imaginary circle drawn around the gate operator system. The gate operator system not only includes the gate operators and control panel, but all of the accessories and devices associated with it at that controlled entry point. This includes loop detectors, card readers, digital entries, telephone entries, any device that has a ground or requires a ground and all of the surge suppressors. The ground bus is a common ground point called a Single Point Ground (SPG). It is used to bond all the equipment and device grounds in the IGZ together. The SPG is very important because it helps eliminate different ground potentials that can be present on the equipment. In such cases, equipment damage occurs even with surge suppressors.



Do not use or connect the ground wire coming from the circuit breaker box. By using an Isolated Ground Zone, you are separating the gate operator system from the house or building ground. This eliminates ground potentials. It is recommended that the ground bus be located in a separate NEMA type enclosure. All grounds will be tied to this ground bus. Some points to remember:

Keep all ground wires as straight as possible. Do not have any sharp 90° bends. Have a minimum of 3 feet of wire between the surge suppressor and the equipment being protected.

Equipment ground wire should be a minimum of 12 AWG. The main ground wire from the bus bar to the ground rod should be an 8 or 6 AWG copper wire. Ground rod should be a minimum of 10 feet in length, longer depending on local soil conditions.



For more information regarding good grounding practices check: National Electric Code art. 250; IEEE Emerald Book, standard 100; International Association of Electric Inspectors.

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WIRING AND MOUNTING

This system requires a separate power supply circuit, intended solely for this equipment and rated for 15 AMPS. Visually check that the circuit breakers are in the "OFF" position and mark the circuit breakers "USED" prior to installation.

Permanent wiring must be used and installed to the operator as required by local electrical codes. It is recommended that this be performed by a licensed electrician. Prior to doing any type of wiring, it is highly recommended that you check with your local building department to be sure that all wiring to the operator and various accessories complies with local building code requirements. It is recommended that you color code all wiring. Local building codes will take precedence.

Distance for low voltage control wires, i.e., open input, single leaf open input and stop input, can run up to 3000 feet with 18 AWG wire.

All low voltage control and communication wiring must be separated by a minimum of 1 foot from high voltage power wiring and in a separate conduit.

GENERAL ENTRAPMENT PROVISIONS

A vehicular gate operator must be installed with at least one independent primary and one independent secondary means to protect against entrapment (see Table A):

TABLE A Usage Class	GATE OPERATOR CATEGORY			
	Horizontal slide, vertical life and vertical pivot		Swing and vertical barrier (arm)	
	Primary type	Secondary type	Primary type	Secondary type
Vehicular I and II	A	B1,B2 or D	A or C	A,B1,C or D
Vehicular III	A,B1 or B2	A,B1,B2,D or E	A,B1 or C	A,B1,C,D or E
Vehicular IV	A,B1,B2 or D	A,B1,B2,D or E	A,B1,C or D	A,B1,C,D or E

Note: The same type of device shall not be utilized for both the primary and secondary entrapment protection means. Use of a single device to cover both the opening and closing directions is in accordance with the requirement; however, a single device is not required to cover both directions. A combination of one Type B1 for one direction and one Type B2 for the other direction is the equivalent of one device for the purpose of complying with the requirements of either the primary or secondary entrapment protection means.

Entrapment protection types

Type A: Inherent entrapment sensing system.

Type B1: Provision for connection of a non contact sensor (photoelectric or equivalent).

Type B2: Provision for connection of a contact sensor (edge device or equivalent).

Type C: Inherent adjustable clutch or pressure relief device.

Type D: Provision for connection of an actuating device requiring continuous pressure to maintain opening or closing motion of the gate.

Type E: An inherent audio alarm.

CLASS OF GATE OPERATORS

RESIDENTIAL VEHICULAR GATE OPERATOR - CLASS I - A vehicular gate operator (or system) intended for use in a home of one-to four single family dwelling, or a garage or parking area associated therewith.

COMMERCIAL/GENERAL ACCESS VEHICULAR GATE OPERATOR - CLASS II - A vehicular gate operator (or system) intended for use in a commercial location or building such as multi-family housing unit (five or more single family units), hotel, garage, retail store, or other building servicing the general public.

INDUSTRIAL/LIMITED ACCESS VEHICULAR GATE OPERATOR - CLASS III - A vehicular gate operator (or system) intended for use in a industrial location or building such as a factory or loading dock area or other locations not intended to service the general public.

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RESTRICTED ACCESS VEHICULAR GATE OPERATOR - CLASS IV - A vehicular gate operator (or system) intended for use in a guarded industrial location or building such as an airport security area or other restricted access locations not intended to service the general public.

THIS INSTRUCTION IS REFERRED TO AN OPERATOR IN CLASS

117 VI SERIES CLASS I, II, III, IV

WARNING - To reduce the risk of injury or death

A) Install the gate operator only when:

A.1) The operator is appropriate for the construction of the gate and the usage Class of the gate

A.2) All openings of a horizontal slide gate are guarded or screened from the bottom of the gate to a minimum of 4 feet (1.2 m) above the ground to prevent a 2-1/4 inch (57.15 mm) diameter sphere from passing through the openings anywhere in the gate, and in that portion of the adjacent fence that the gate covers in the open position,

A.3) All exposed pinch points are eliminated or guarded, and

A.4) Guarding is supplied for exposed rollers.

B) The operator is intended for installation only on gates used for vehicles. Pedestrians must be supplied with a separate access opening.

C) The gate must be installed in a location so that enough clearance is supplied between the gate and adjacent structures when opening and closing to reduce the risk of entrapment. Swinging gates shall not open into public access areas.

D) The gate must be properly installed and work freely in both directions prior to the installation of the gate operator. Do not over-tighten the operator clutch or pressure relief valve to compensate for a damaged gate.

E) For gate operators utilizing Type D protection:

E.1) The gate operator controls must be placed so that the user has full view of the gate area when the gate is moving,

E.2) The placard as required and shall be placed adjacent to the controls

E.3) An automatic closing device (such as a timer, loop sensor, or similar device) shall not be employed, and

E.4) No other activation device shall be connected.

F) Controls must be far enough from the gate so that the user is prevented from coming in contact with the gate while operating the controls. Controls intended to be used to reset an operator after 2 sequential activations of the entrapment protection device or devices must be located in the line-of-sight of the gate. Outdoor or easily accessible controls shall have a security feature to prevent unauthorized use.

G) All warning signs and placards must be installed where visible in the area of the gate.

H) For gate operators utilizing a non-contact sensor

H.1) See instructions on the placement of non-contact sensors for each Type of application,

H.2) Care shall be exercised to reduce the risk of nuisance tripping, such as when a vehicle, trips the sensor while the gate is still moving, and

H.3) One or more non-contact sensors shall be located where the risk of entrapment or obstruction exists, such as the perimeter reachable by a moving gate or barrier.

I) For a gate operator utilizing a contact sensor

I.1) One or more contact sensors shall be located at the leading edge, trailing edge, and postmounted both inside and outside of a vehicular horizontal slide gate.

I.2) One or more contact sensors shall be located at the bottom edge of a vehicular vertical lift gate.

I.3) One or more contact sensors shall be located at the pinch point of a vehicular vertical pivot gate.

I.4) A hardwired contact sensor shall be located and its wiring arranged so that the communication between the sensor and the gate operator is not subjected to mechanical damage.

I.5) A wireless contact sensor such as one that transmits radio frequency (RF) signals to the gate operator for entrapment protection functions shall be located where the transmission of the signals are not obstructed or impeded by building structures, natural landscaping or similar obstruction. A wireless contact sensor shall function under the intended end-use conditions.

**THE PROTECTIONS MEANS INSTRUCTIONS ARE
AVAILABLE IN THEIR WRAPPING, WHEN PURCHASED.**

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IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS



WARNING - To reduce the risk of severe injury or death to persons

When you make the connection, for a residential or commercial pedestrian door operator, to the source of supply by a flexible cord:



All electrical connections from the control panel to the door operator must be made in a watherproof junction box.

You can't route the cord through doorways, window openings, walls, ceilings, floors, or the like.

You can't attache, or otherwise secure, the cord to the building structure.

You can't conceale the cord behind walls and the like.



FIELD INSTALLED PLACARDS

You must install a placard on each side of the gate. Each placard is to be visible by persons located on the side of the gate on which the placard is installed.

MAINTENANCE

It is necessary to execute a periodic checking and ajustement (every six months) for all parts (control mechanism of force, speed, sensitivity etc.) of vehicular gate operator by a qualified technician.



All electrical connections from the control panel to the operator must be made in a waterproof junction box.

SAVE THESE INSTRUCTIONS



READ AND FOLLOW ALL INSTRUCTIONS

END USER INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING - To reduce risk of severe injury or death:

READ AND FOLLOW ALL INSTRUCTIONS

Never let children operate or play with door controls. Keep the remote control away from children.

Always keep the moving system in sight and away from people and objects until it is completely closed or stopped. **NO ONE SHOULD CROSS THE PATH OF THE MOVING SYSTEM.**

Test the system opener monthly. The system **MUST** reverse on contact with a 1 - ½ inch high object (or a 2 by 4 board laid flat) on the floor. After adjusting either the force or the limit of the travel, retest the door opener. Failure to adjust the opener properly increases the risk of severe injury or death. For products having an emergency release use it only when the door is closed. Use caution when using this release with the door open. Weak or broken springs are capable of increasing the rate of door closure and increasing the risk of severe injury or death.

KEEP THE SYSTEM PROPERLY BALANCED AND MAINTAINED. An improper balancing or maintaining increases the risk of severe injury or death. Have a qualified service person make repairs to cables, spring assemblies and other hardware.

Vehicular gate operator systems offer convenience to their users and limit vehicular traffic onto your property. Gate operator systems can and do produce high levels of force. It is important that you are aware of the possible hazards associated with your gate operator system. Hazards may include, but are not limited to pinch points, entrapment, absence of reversing devices, absence of pedestrian access, traffic backup, etc.

Your installer should instruct you on the proper operation of your gate operator system. You and your installer should review the basic functions of the reversing devices on your gate operator system and how to periodically test them. Reversing devices include one or more of the following: reversing loops, photo-eyes, reversing edges, etc. Your installer needs to instruct you on how to remove the gate operator system from service, shut power off at service panel and how to use the gate operator system manually.

Do not allow children or pets to play in the area of the gate and gate operator system. Do not allow children to play with any access control device.

Operate gate only when fully visible, properly adjusted and free of obstructions. The owner/operator and/or installer should determine, prior to use, whether the equipment and optional devices, or combination thereof are suitable and safe for the use intended. Since individual installations may be subject to many variations and are usually augmented by devices not always obtained from or through SEA s.r.l. and since SEA s.r.l. has no control over the end use of the products it distributes, SEA s.r.l. makes no representations or warranties as to the suitability of safety of this equipment for a specific application.

Warranty void if unit was installed and/or wired improperly, used wrong power source, used wrong hydraulic fluid, or if damage was caused by fire, flood, lightning or any other acts of God.

This manual is your property. Please keep for future reference.

WARNING - To reduce risk of severe injury or death:



Install only on a properly balanced garage door. An improperly balanced door has the potential to inflict severe injury. Have a qualified service person make repairs to cables, spring assemblies and other hardware before installing the opener.

Remove all ropes and remove or make inoperative all locks connected to the garage door before installing opener.

Where possible, install the door opener 7 feet or more above the floor. For products having an emergency release, mount the emergency release 6 feet above the floor.

Do not connect the opener to source of power until instructed to do so.

Locate the control button: (a) within sight of door, (b) at minimum height of 5 feet so small children are not able to reach it, and (c) away from all moving parts of the door.

Install entrapment Warning Label next to the control button in a prominent location. Install the Emergency Release Marking. Attach the marking on or next to the emergency release.

After installing the opener, the door must reverse when it contacts a 1 - ½ inch high object (or a 2 by 4 board laid flat) on the floor.

END USER INSTRUCTIONS



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ELECTRONIC
OPENING
SYSTEMS
International registered trademark n. 2.777.971

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117 (Vela Ind. Series)



READ AND FOLLOW ALL INSTRUCTIONS



The installer is responsible for grounding the operator system, for providing the main power breaker switch, and for making sure that the entire gate systems meets all applicable electrical codes.

END USER INSTRUCTIONS



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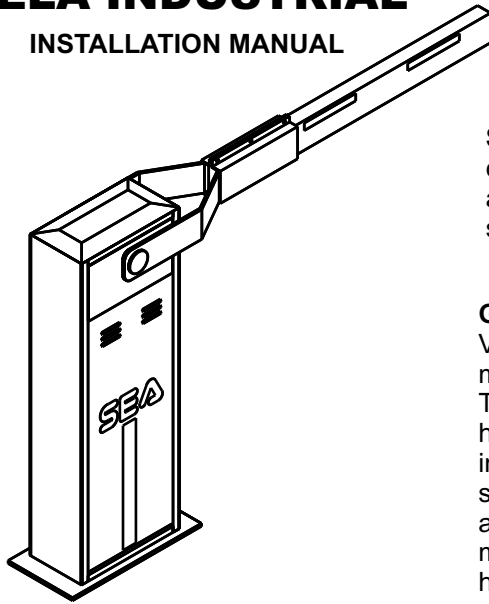
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VELA INDUSTRIAL INSTALLATION MANUAL



INSTALLATION INSTRUCTIONS AND TECHNICAL DATA FOR OPERATOR AND BARRIER 117 VI SERIES

SEA s.r.l. is glad to congratulate and thank you for choosing our product. Your choice will allow you to understand how our factory, according to studies, research and above all the needs of our clients, wants to gather technology, reliability and safety together keeping in mind use and installation easiness.

General characteristics

Vela Industrial is an hydraulic automation for big carriage entrances (5, 6, 7 and 7.5 m).

The places for fitting are multiple; Vela Industrial is ideal for camp entrances, hospitals, yards, private roads, port and airport entrances, public parkings with half-intensive working cycles. It is provided with an anti-crush device that ensures a strength not higher than 15 Kg on the beam so to ensure people and things against accidents. An accurate slowing down system guarantees the total control of the momentum strength. The manual release makes the beam independent from the hydraulic unit so to allow the manual closing and opening.

The automation is constituted by:

Vela Industrial case which protects all mechanic and electric devices from atmospheric agents. It is made by a steel sheet which is processed with cathaphoresis and epossidic dust painting. On request SEA provides the inox steel case.

Balancing spring which is available in 4 different sizes so to accomplish with the four beam length (See spring tab.)

AG/MPU/B4 (23010005) electronic control unit; an advanced device which allows for the programming and control of all working and safety systems.

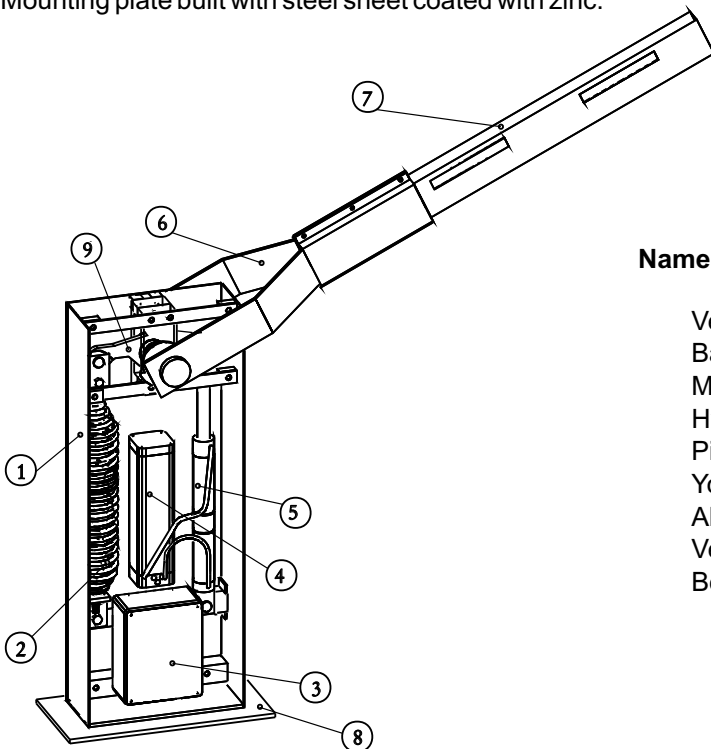
Hydraulic unit with manual release for the manual opening of the beam in case of damages and two screws for couple adjustment.

Double effect hydraulic piston which gives movement to the beam by the beam balance assembly.

Yoke which holds the beam; completely steel built, processed like the case.

Beam in extruded aluminium, available in four sizes: 4,55, 5,55, 6,55, 7,05 m.

Mounting plate built with steel sheet coated with zinc.



Name of the most important parts:

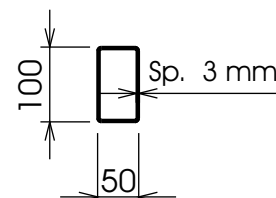
Vela Industrial Series case
Balancing spring
MPU/B4 (23010005) Electronic Control Unit
Hydraulic pump unit
Piston
Yoke
Aluminium beam
Vela Industrial mounting plate
Beam balance assembly

Technical data

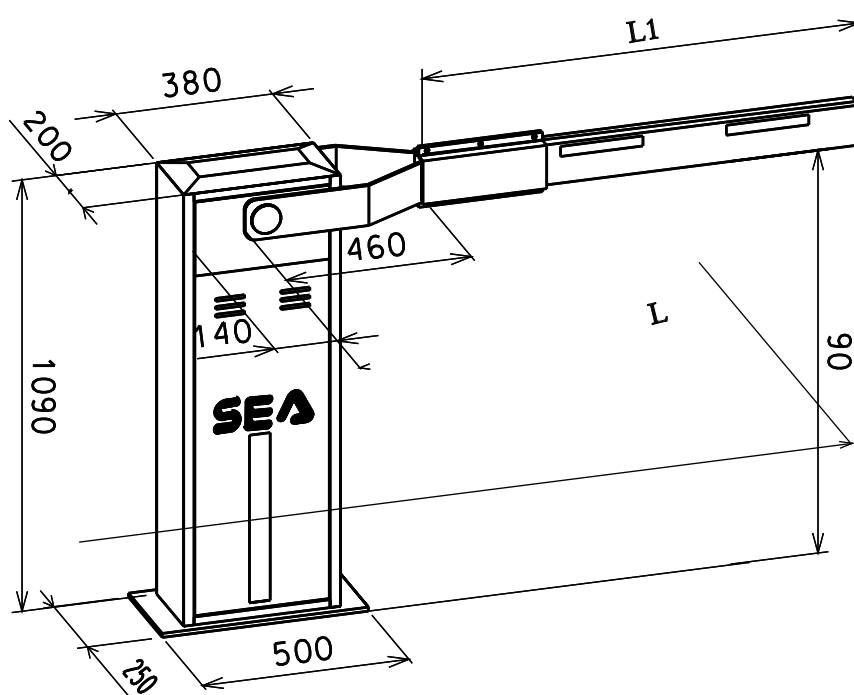
Voltage supply	: 230 Vac \pm 5% - 50/60 Hz single phase
Absorbed current	: 1.1 A
Motor power	: 230 W
Motor revolutions	: 1400 RPM/min.
Operating temperature	: -20 + 55C
Thermal cut out	: 130 C
Pump rating	: 2 L./min.
Opening time	: 12 s
Protection class	: IP 55
Working logics	: Autom. Semi-autom. Dead-man
Manual release	: Hydraulic
Use frequency	: 50%

BEAM LABEL			
Barrier Length L (m)	Beam Length L1 (m)	Spring (mm)	Spring code
5	4,55	10,5	66400005
6	5,55	11	66400010
7	6,55	12	66400015
7,5	7,05	12B	66400020

CONTOUR ALUMINIUM BEAM

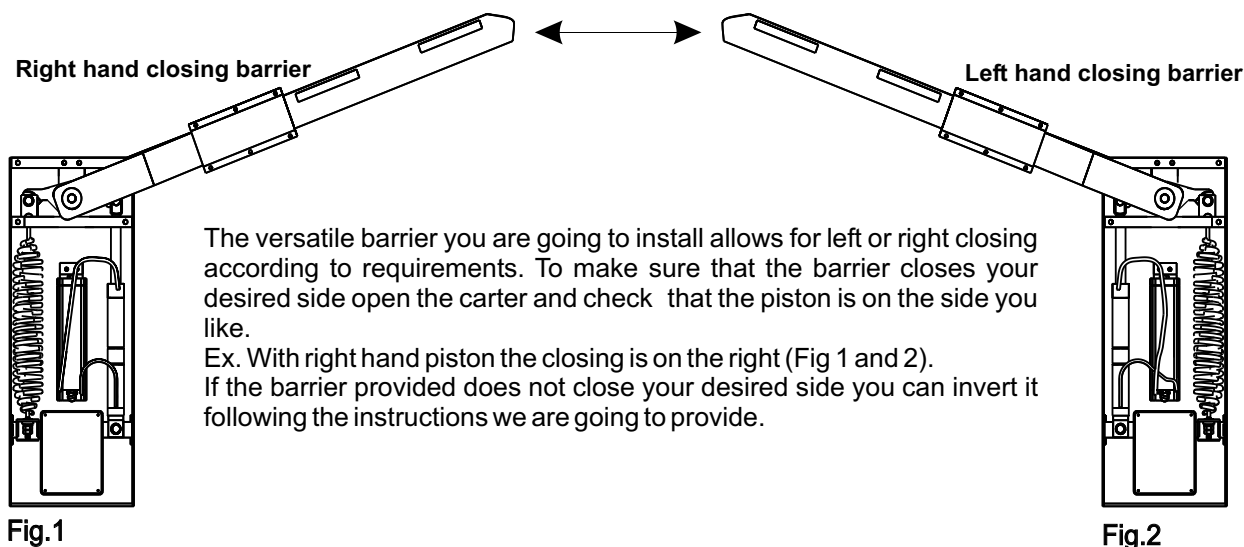


Dimensions:



FITTING INSTRUCTIONS

1) Position of spring and piston



Example:

Barrier with left closing (fig, 2)
Necessity of right closing (fig1)

Remove spring and piston by unscrewing the bolts shown in Fig.3

Position the piston on the right hand side of the case (where the spring was fixed) and thighten the fixing bolts.

Position the spring on the left hand side (where the piston was fixed).

*The spring is fixed (in the lower part) on a support that in case of a spring/piston switch must be moved with the same spring. The fixing screw is placed behind spring. The two spring tension adjusting bolts.

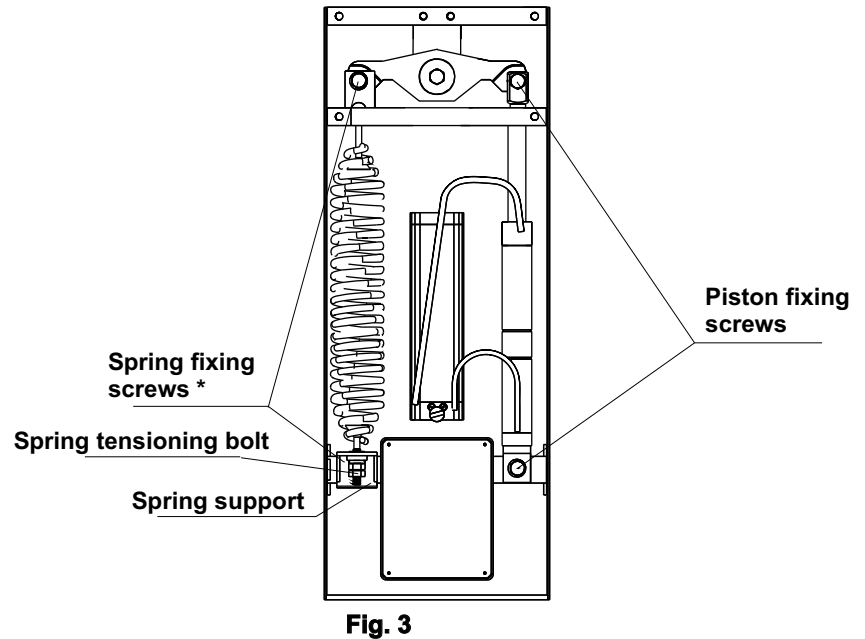


Fig. 3

2) Mounting plate fixing

- Dig a hole 800x600x400
- Widen the foundation plate clamps at 60° (Fig. 4)
- Fill the hole with R425 concrete and place the foundation plate as in Fig. 4.
- Level the plate with care.

*The plate has got a central hole for electric wiring so before filling the hole with concrete put an electric wire sheathing on the hole.

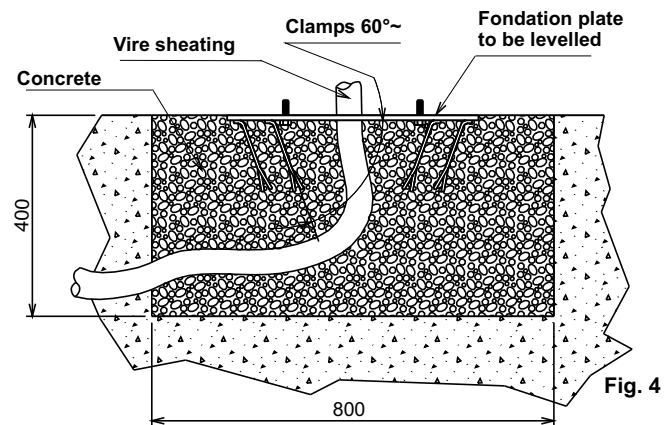


Fig. 4

3) Fixing the column on the foundation plate

Place the column so that the holes at the base correspond to the screws that emerge from the foundation plate.

Make sure that the wire sheathing is fixed on the big central hole at the base of the column.

Tighten the column to the foundation plate screwing the provided nuts and bolts with care.

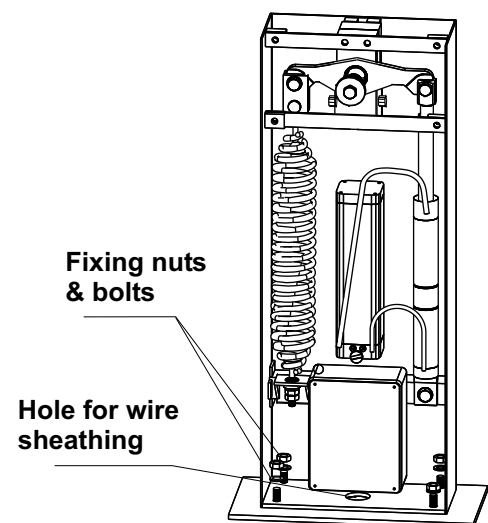


Fig. 5



4) Oil Filler plug

When the barrier has been bolted down to the ground remove the oil reservoir transport plug from the upper part of the hydraulic pump unit (fig.6) and replace it for the breather plug supplied with the system.

5) Mounting the yoke and beam

- Insert one half of the beam yoke onto the splined shaft vertically and fix it in place by using the bolt and washer supplied (Fig. 6).
- Turn the manual release valve anti-clockwise (detail Fig.6).
- Rotate the half yoke to the horizontal position and re-lock the manual release (turn clockwise).
- Insert the beam into the already installed half of the beam yoke; install the second beam yoke as you did for the first one.
- Fix the beam in the beam yoke using the 6 nuts and bolts supplied.

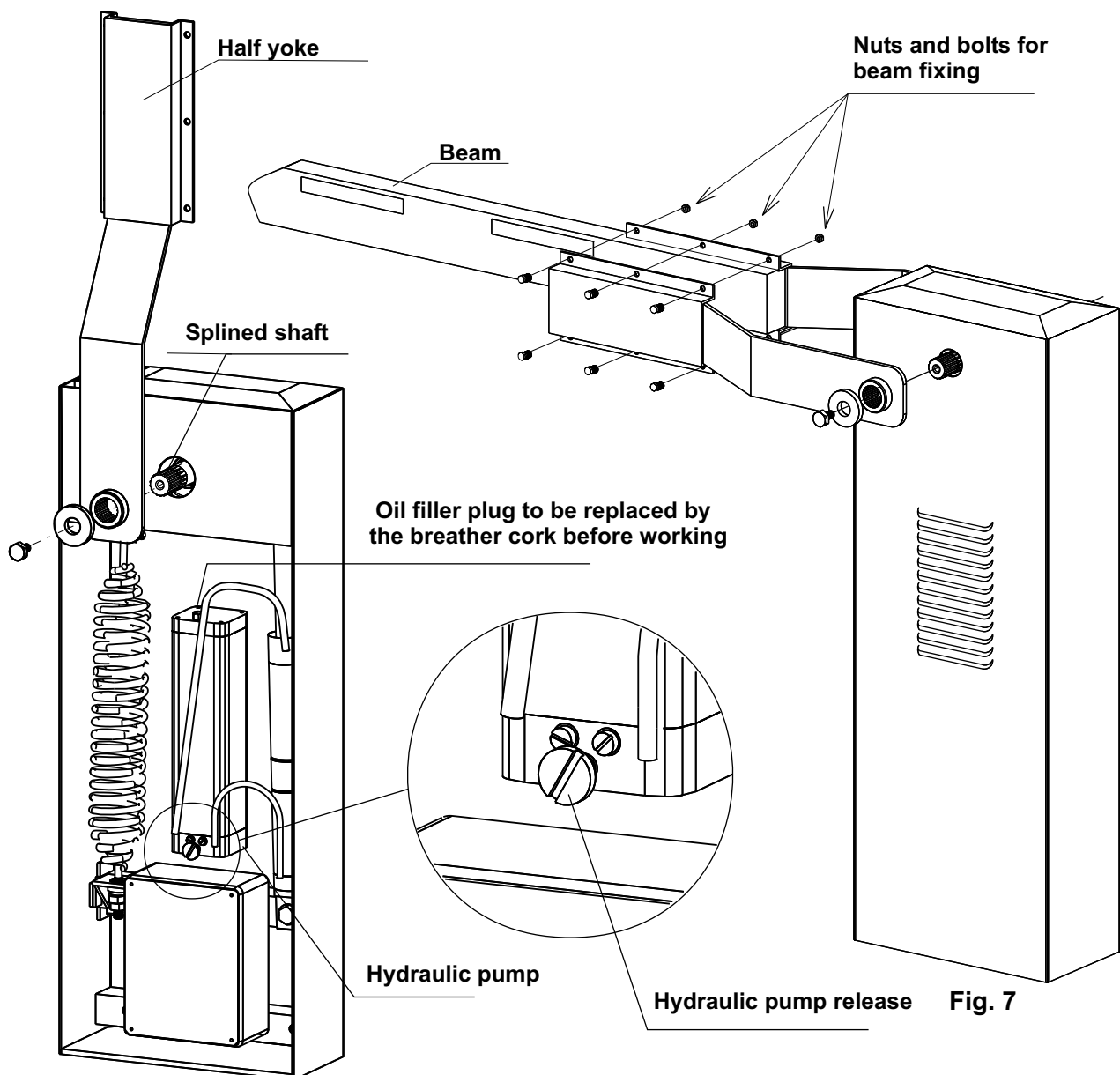


Fig. 6

Fig. 7



6) Balancing the spring

Turn the manual release valve anti-clockwise to release the hydraulic locking so that the beam can be opened and closed manually.

Lift the beam to an angle of approximately 45 degrees.

Tight or untight the spring adjusting bolt locknut so that the spring reaches a balance point with the beam at 45° (Fig 8). If the beam is correctly balanced it should stay stopTped in position (Fig.8).

After balancing fix the spring adjusting bolt locknut with the bolt and block the hydraulic unit.

7) Slow down adjustment: HYDRAULIC

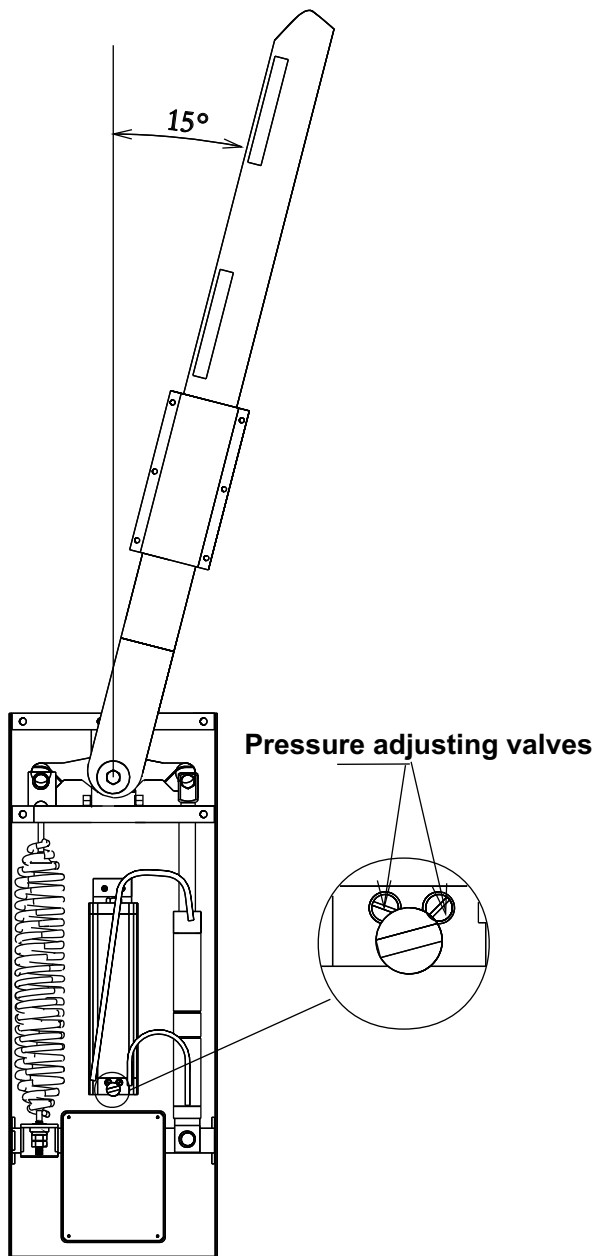


Fig. 9

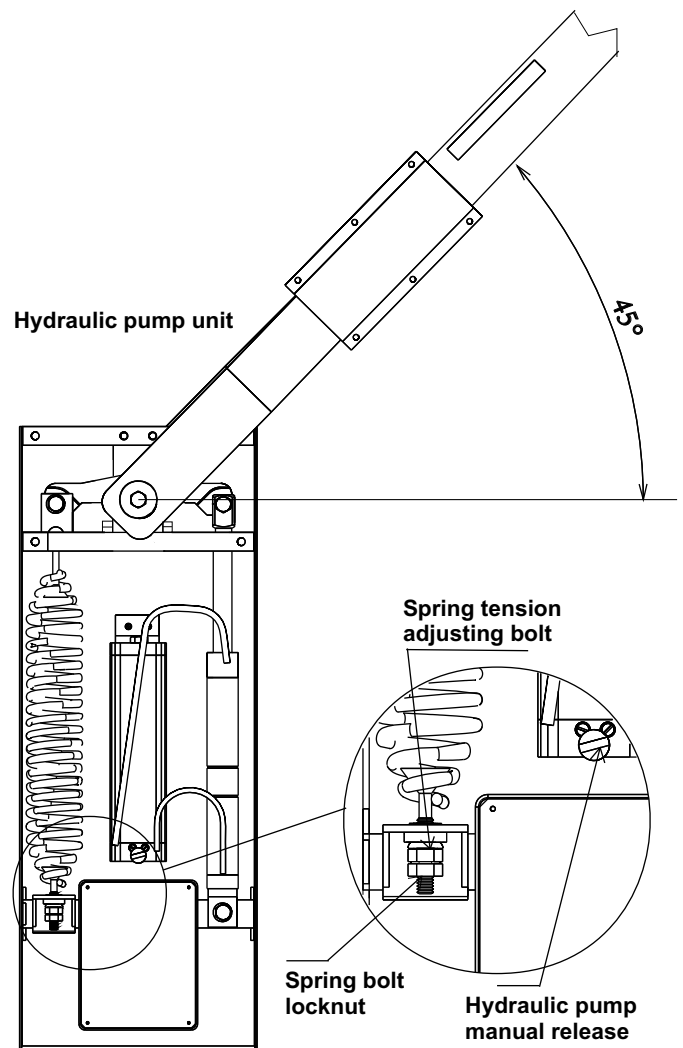


Fig. 8

8) Barrier power supply

You can now feed the barrier with 220V 50/60 Hz power supply. Check "wiring the connectors" (paragraph 12) for more details.

9) Force adjustment

If necessary the piston force can be adjusted by the two adjusting screws (grey and yellow) placed on the front lower place of the hydraulic pump unit (Fig. 9).

*The automation is adjusted at 15 Kg force ex works so to guarantee the anti-crush safety. We recommend to adjust it only in case of necessity.



10) Levelling the beam

This manoeuvre must be done only if at the end stroke the beam is not perfectly horizontal in closing or vertical in opening.

- Unlock the hydraulic unit by the release screw so that the beam opens and closes manually.
- Release the end stroke screws unscrewing the lock nuts on the beam balance assembly (Fig. 10).
- Screw or unscrew the end stroke screws so that the beam stays perfectly vertical in opening and perfectly horizontal in closing (Fig. 10).
- After levelling, fix the end stroke by tightening the lock nuts on the beam balance assembly and block the hydraulic unit.

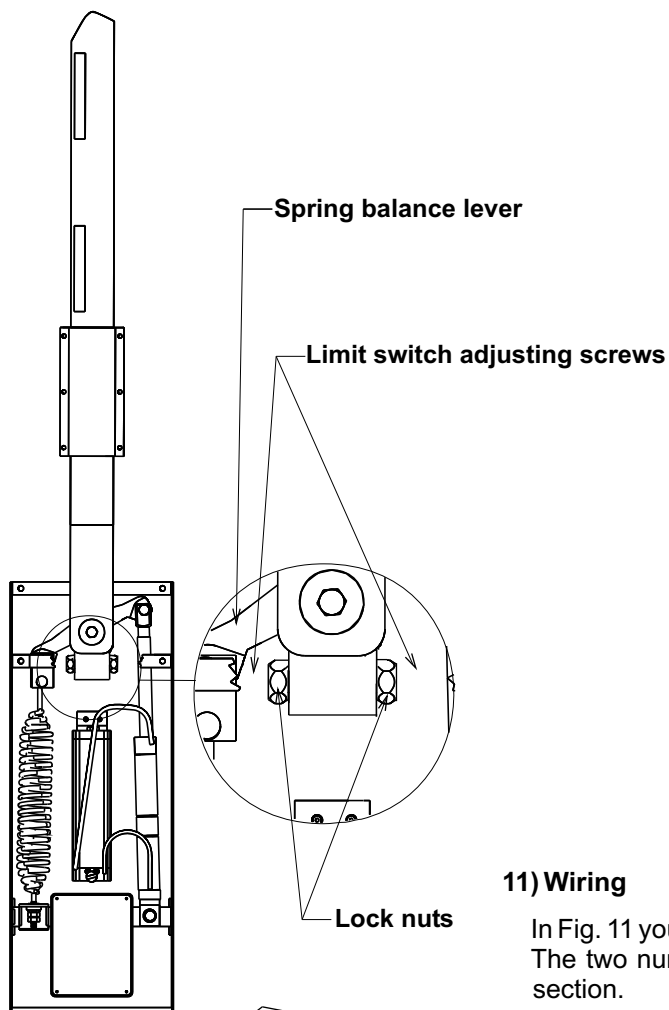
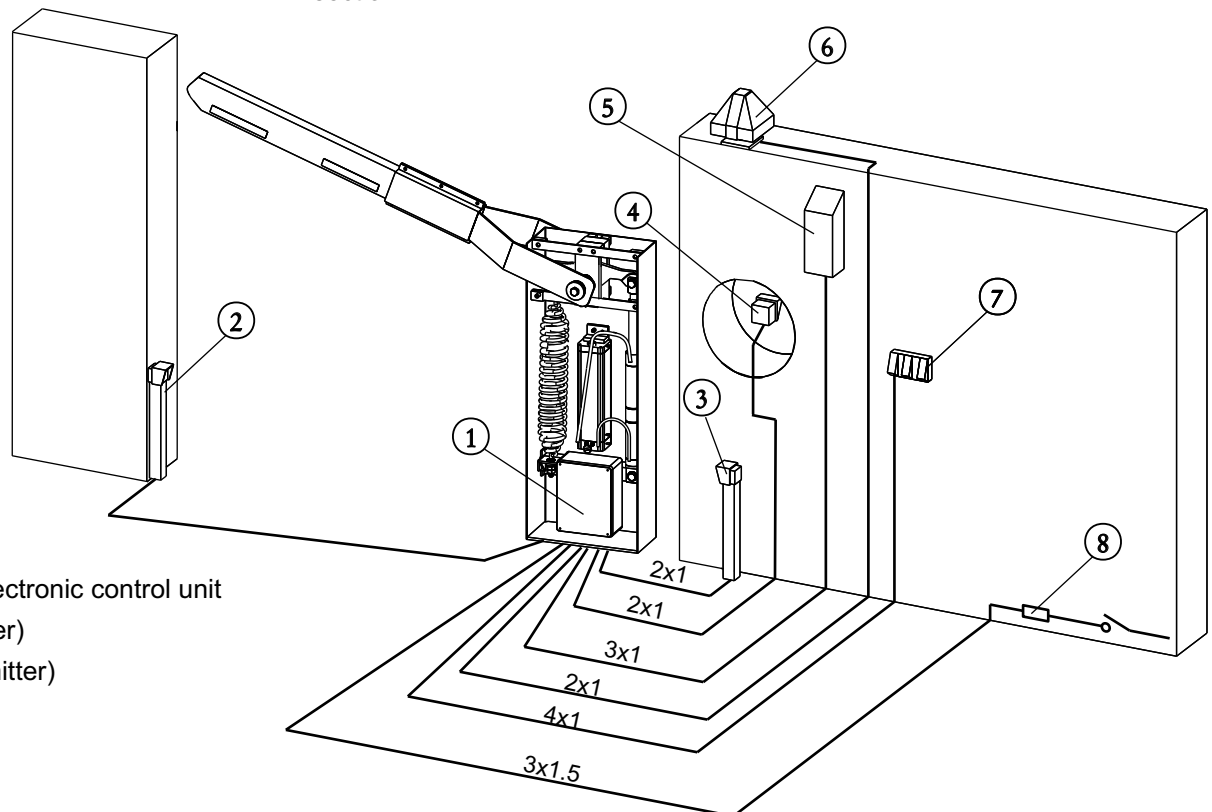


Fig. 10

11) Wiring

In Fig. 11 you find the wiring necessary for the barrier installation.

The two numbers placed nearby the electrical cables show their quantity and section.



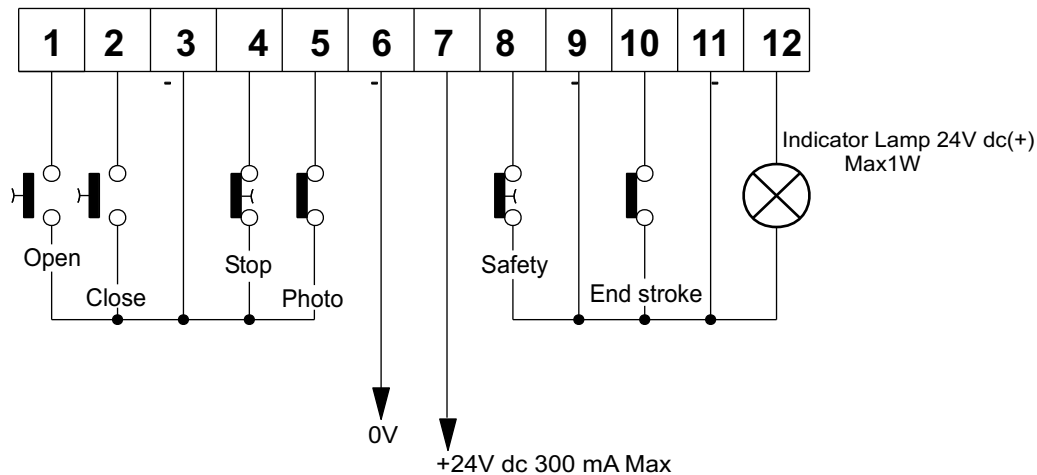
- 1) Vela Industrial electronic control unit
- 2) Photocell (receiver)
- 3) Photocell (transmitter)
- 4) Key switch
- 5) Radio receiver
- 6) Warning light
- 7) Push button board
- 8) Differential switch

12) Connectors connection

The electronic control unit is located inside the box. The panel controls all the device functions. It is technologically advanced and you will choose the logic function that suits you most.

The electronic control unit is provided of two comfortable plugged-in wiring boards; one for low tension, the other for 230Vac power supply.

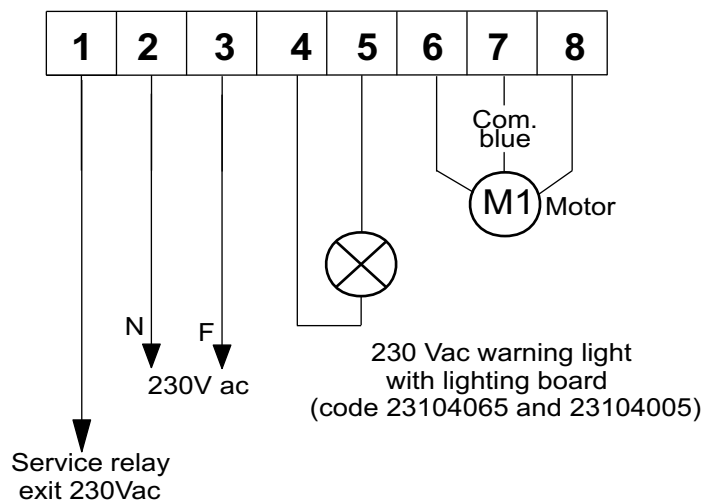
LOW TENSION WIRING BOARD CONNECTIONS



- The safety entrance (8/9 usually closed) if activated inverts temporarily the beam movement.
- The stop entrance (3/4 usually closed) if activated stops the automation anytime.
- The photocell entrance (9/10 usually closed) if activated while closing inverts the beam movement; if activated while opening is being ignored.

In case stop, photocells or safety are not connected it is necessary bridging their wire boards (3/4, 5/6, 8/9). Photocells wiring boards (5/6) must be bridged even if a photocell plug-in board is being used.

WIRING BOARD 230Vac CONNECTIONS



Please note: check the manual "Electronic unit" for more information about programming and working logic.

WARNING

The electric installation and the working logic choice must be done according to the existing laws. A 16A - 0,030A differential switch must be incorporated into the source of the operators main electrical supply and the entire system properly earth bonded. Keep the power cables (motors, power supply) and the control ones (push buttons, photocells, radio etc.) separated. You can use two different sheaths to avoid interference.

Note: Use "cable clips" and/or "duct/box pipes" fitting close to the control panel box so to protect the interconnection cables against pulling efforts.

INTENDED USE

The Vela industrial has been designed to be solely used to automate barriers.

SPARE PARTS

To obtain spare parts contact:

SEA USA Inc. 10850 N.W. 21st unit 160 DORAL MIAMI Florida (FL) 33172

SAFETY AND ENVIRONMENTAL COMPATIBILITY

We recommend not to spoil the environment with product and circuit packing material.

STORAGE

STORAGE TEMPERATURES			
T _{min}	T _{max}	Humidity _{min}	Humidity _{max}
-40°C	+80°C	5% no condensation	90% no condensation

When being transported this product must be properly packaged and handled with care.

MAINTENANCE AND OUT OF SERVICE

The decommission and maintenance of this unit must only be carried out by specialised and authorised personnel.

LIMIT OF GUARANTEE

Vela industrial is guaranteed for a period of 24 months. The guarantee period starts from the date stamp printed on the unit. The guarantee will be void if the unit has been incorrectly installed, not used for the purpose intended, tampered with or modified in any way.

The validity of this guarantee only extends to the original purchaser of the unit.

NOTE: THE MANUFACTURER CAN NOT BE DEEMED RESPONSIBLE FOR ANY DAMAGE OR INJURY CAUSED BY IMPROPER USE OF THIS PRODUCT.

SEA reserves the right to modify or adjust the products and information provided in this manual with no obligation to notice.
