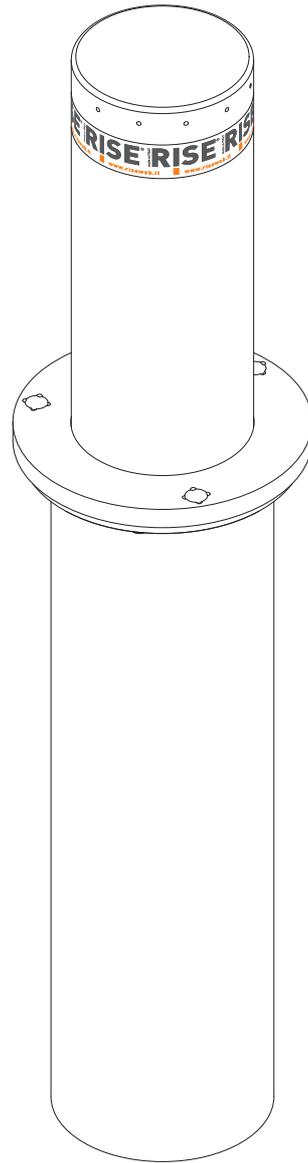


VIGILANT 800



Manuale di installazione
Installation manual
Installationsanleitung
Manuel d'installation
Manual de instalación

- I** Dissuasore di sosta e passaggio
- GB** Parking and passage rising bollard
- D** Poller gegen unrechtmäßiges Parken und Durchfahren
- F** Borne escamotable anti-stationnement et anti-accès
- E** Disuasor de tránsito de aparcamiento y de paso

Made in Italy

Brevettato
Patented



The undersigned Mr. Paolo Peruzzo, legal representative of the company **Rise S.r.l.** - Via del Capitello, 42 - 36042 Marano Vicentino (VI) – in the capacity of manufacturer declares that the product:

VIGILANT 800

complies in all its components with Directives:

- EMC Directive 2004/108/EC
 - Low Voltage Directive 2006/95/EC
- and with Technical Standards: EN 124:1995

as per checks carried out by: ECO Certificazioni S.p.A., via Mengolina, 33 - 48018 Faenza (RA)
Notified Body no. 0714

Marano Vicentino, 15/03/2009.

The legal representative



RISE S.r.l.
Via Capitello di Sopra, 42
36035 MARANO VICENTINO (VI)
R.I. VI. - C.F. - P.IVA 03482500240
Tel. +390444751401 - Fax +390444758049

We thank you for having chosen one of our Vigilant model automatic rising bollards.

All articles in the Rise range are the fruit of long experience in the sector of mechanical and electronic automations.

This is why today we are able to offer extremely reliable automatic rising bollards that, thanks to their performance, efficiency and durability, fully satisfy the final customer's requirements.

All our products are covered by a two-year warranty.

Furthermore, a product Civil Liability policy stipulated with a leading insurance company covers any damage to things or persons caused by manufacturing defects.

General information

The Vigilant 800 automatic rising bollard, with its high resistance to impact and elegant design, is suitable for installation in public or commercial areas and is particularly indicated for protecting buildings.

The standard version, manufactured in steel, is painted with cataphoresis-acrylic paints, a corrosion-proof treatment that guarantees an extremely elevated resistance to the elements and to salty environments.

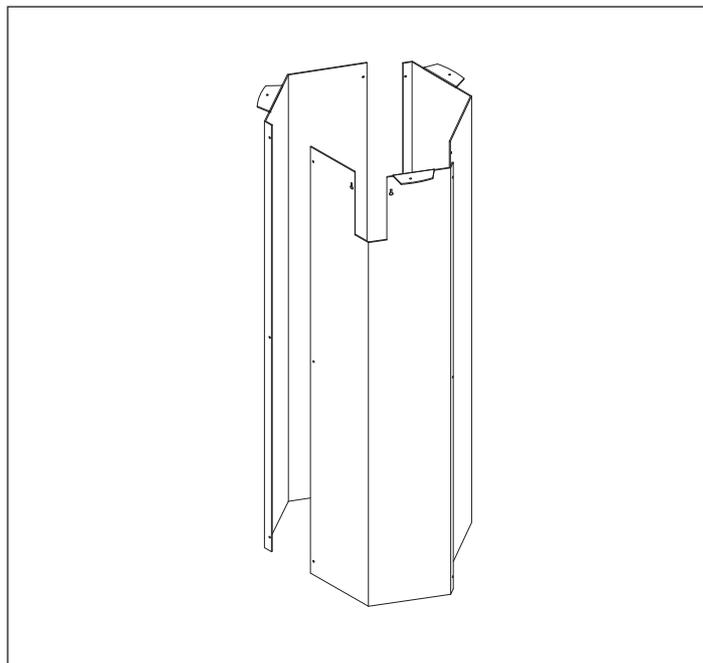
The bollard is operated with 24Vdc; an amperometric sensor detects any obstacles when rising and inverts the movement immediately. The bollard is fitted with 12 leds that operate in sequence and with a high-visibility reflecting band. The bollard can be easily unlocked in an emergency. In the event of a power cut different functions can be selected: the bollard can remain in raised position or can be unlocked and lowered by keeping the emergency button pressed; automatic lowering in the event of a power cut is also available (accessory). The system can also be fitted with an uninterrupted power supply unit (accessory) that allows the bollard to be used in automatic mode even in the event of a power cut.

The foundation case is manufactured in cataphoresis-painted steel and can easily be assembled on site before installation. If the bollard is not installed immediately, a cover for closing the hole is available.

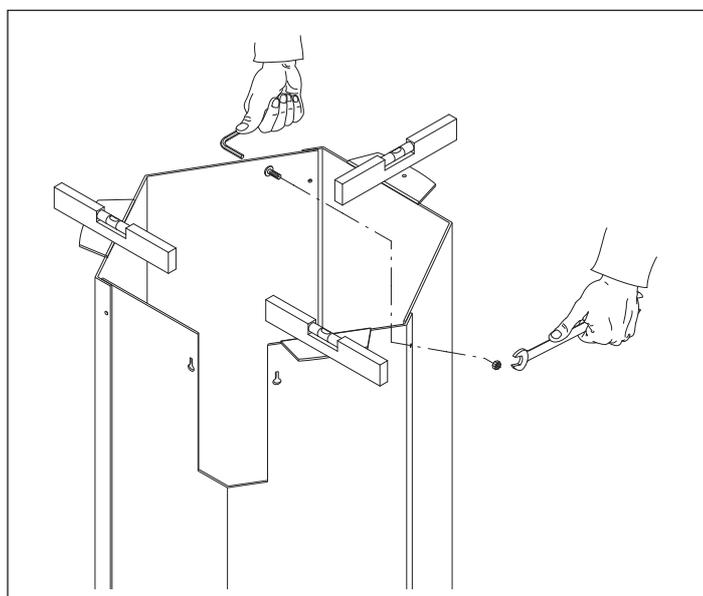
TECHNICAL DATA

MODEL	VIGILANT 800
Power supply	230 V.a.c. $\pm 10\%$ 50 Hz
Motor power supply	24 Vdc
Motor power	90 W
Motor absorption (24 Vdc)	6 A
Use	Intensive use
Protection level	IP 68
Working temperature	-20 °C / +70 °C
Lubrication	Permanent grease
Cylinder dimensions	Diameter 200x800 mm - thickness 8 mm
Foundation case dimensions	Diameter 330x1123 mm
Impact resistance	11.000 J (without permanent deformation)
Breaking strength	180.000 J
Rising time	5"
Lowering time	3"
Weight	130 kg
Finish	Black cataphoresis

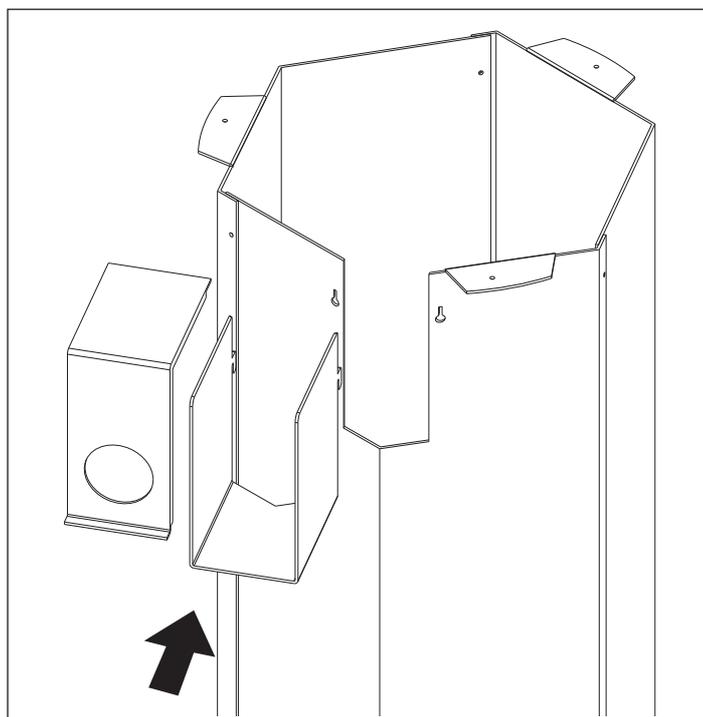
1 - Place the three side elements vertically as in the image alongside.



2 - Using the round head screws provided, assemble the hexagonal structure. It is very important to assemble the three elements vertically and on a surface that ensures excellent flatness so as to obtain a reliable support surface for the closing flange. **Attention: The screw head must be placed on the internal side of the foundation case.** See figure alongside.



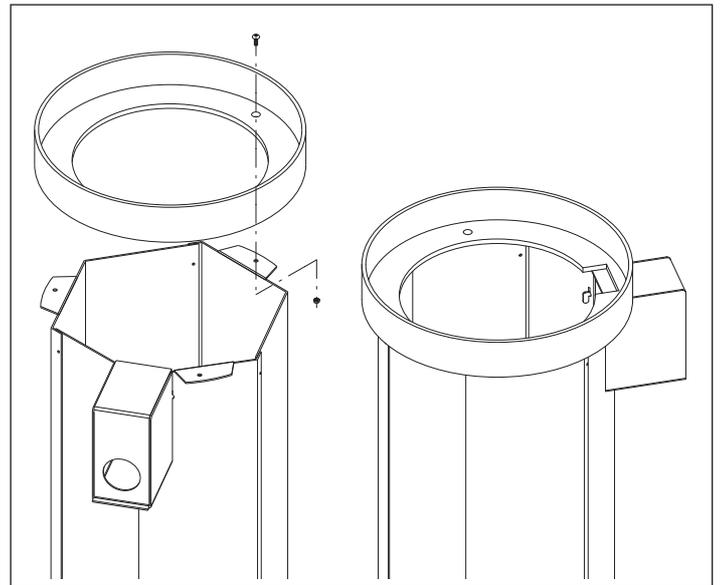
3 - Before fixing the upper flange, insert the metallic protection of the 40 mm diameter corrugated pipe which must be set in the ground to make the subsequent electrical connection with the control unit. See figures alongside.



4 - Fix the upper flange using the round head screws provided.

Attention: The screw heads must be placed on the upper part of the flange (inside the case).

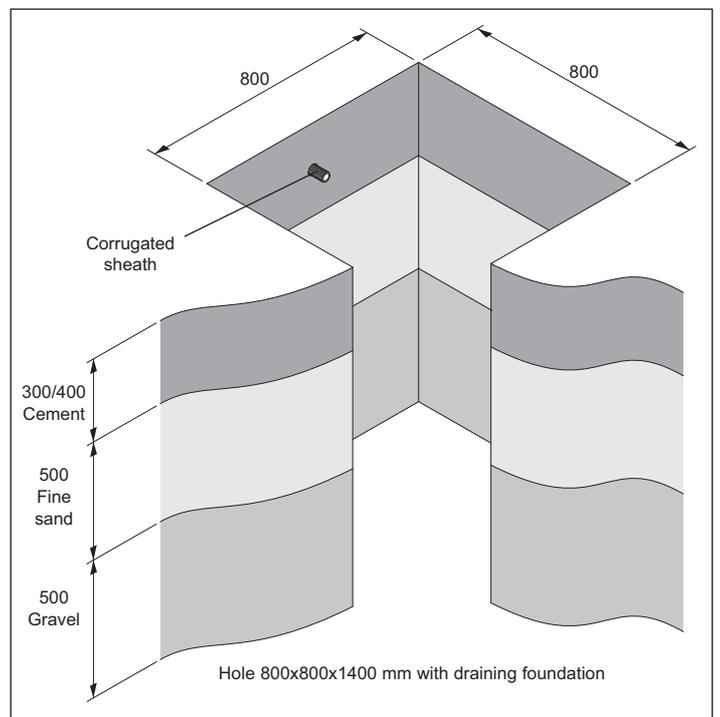
This way the foundation case is complete. See figure alongside.



5 - Carry out the excavation in the ground with the measurements indicated in the image alongside and prepare a suitable draining foundation. Insert the foundation case in the excavation.

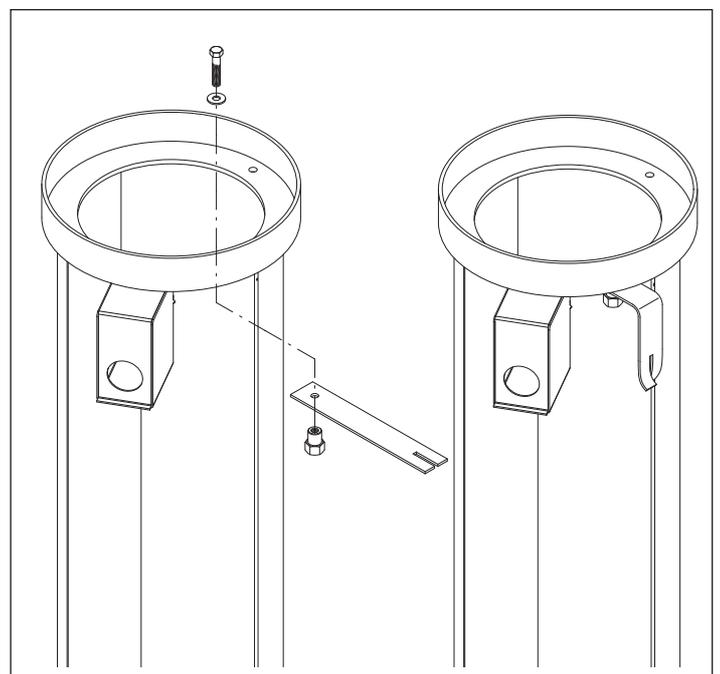
Attention: The case must rest on the bottom of the excavation and must be perfectly vertical - check this by placing a spirit level on the upper flange.

Insert the 40 mm diameter corrugated sheath in the case using the metal guide. Fix the case with cement.

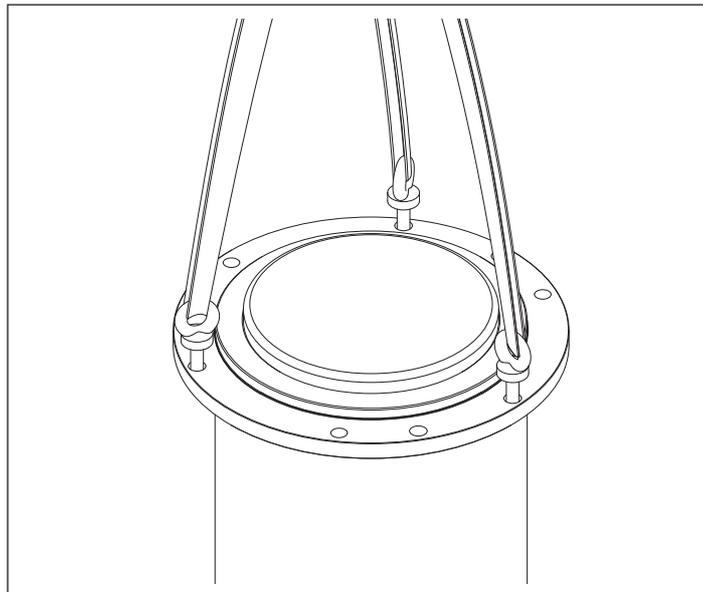


6 - Fit the clamps as in the figure locking them in position with the washer and the M10 hexagonal head screw. Fold them according to the foundation.

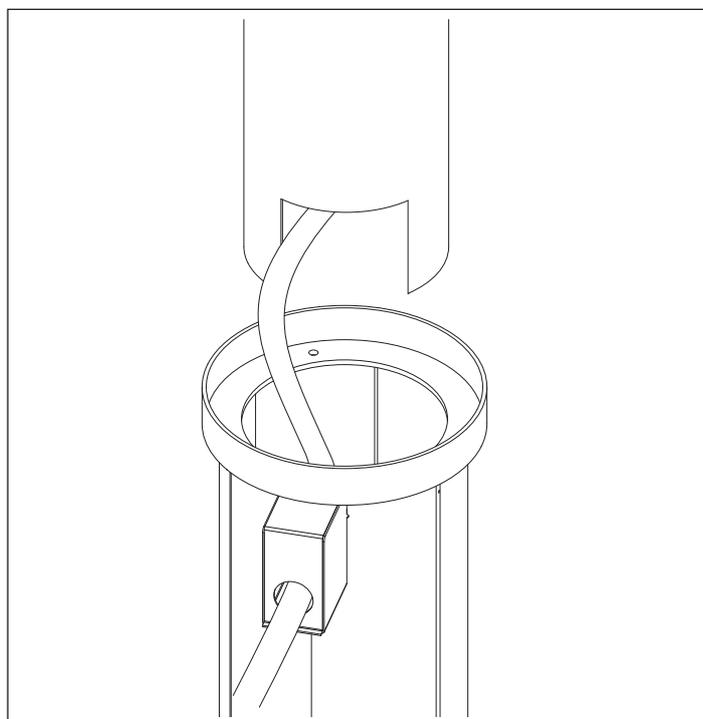
Attention: Make sure, during the cast, that the fixing plug you find under the clamp-iron is completely covered with concrete. Using a spirit level, check if the flange plane is horizontal.



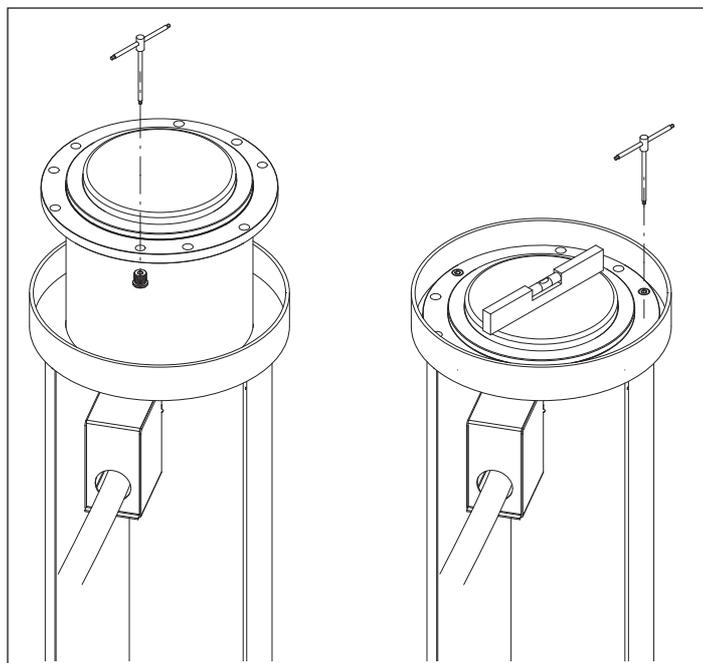
7 - Use three eyebolts with M16 studs to lift the bollard.
See figures alongside.



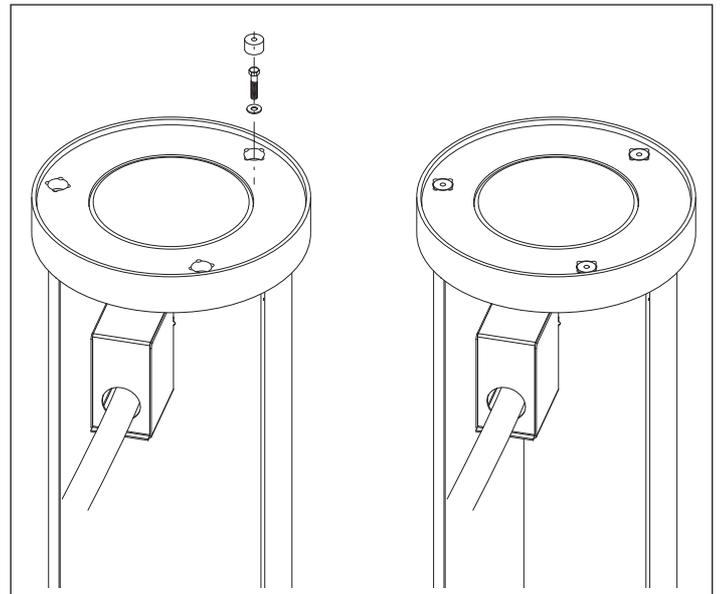
8 - Insert the electrical cable in the corrugated sheath and then, guiding it, lower the bollard into the foundation case. Pay attention to the electrical cable that must be free in the case housing without being crushed. See figures alongside.



9 - After positioning the bollard inside the case, remove the lifting eyebolts. Using the dowels, adjust the level positioning of the bollard with respect to the floor, checking it with a spirit level. See figure alongside.



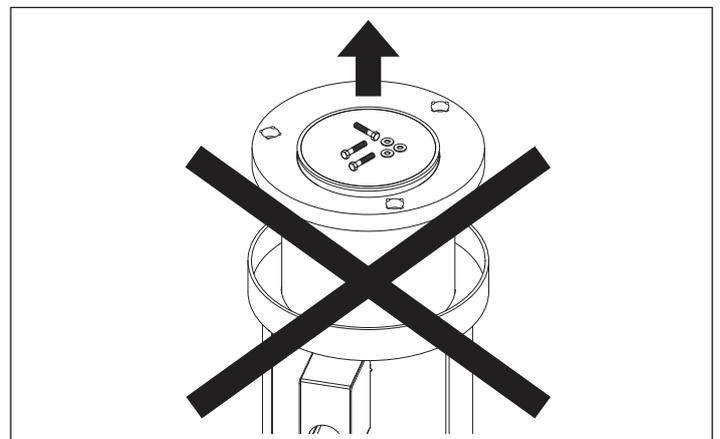
10 - With the treadable flange check the final level with respect to the external floor. If required, using the M16 stainless steel dowels, raise the level and adjust the level positioning. Insert the washers and the M10 hexagonal head screws. Cover the holes with the rubber caps provided. Carry out the electrical connection carefully following the diagram supplied with the control unit. See figures alongside.



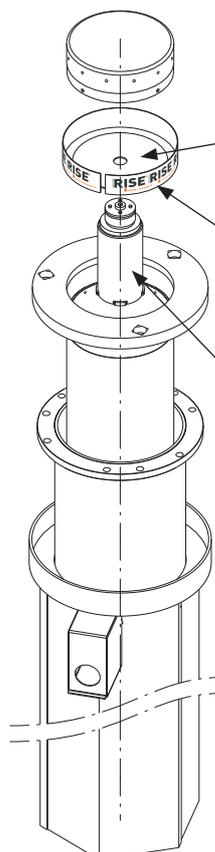
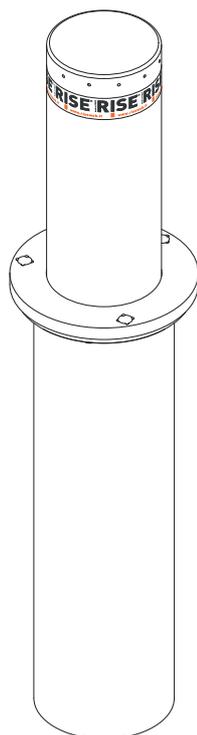
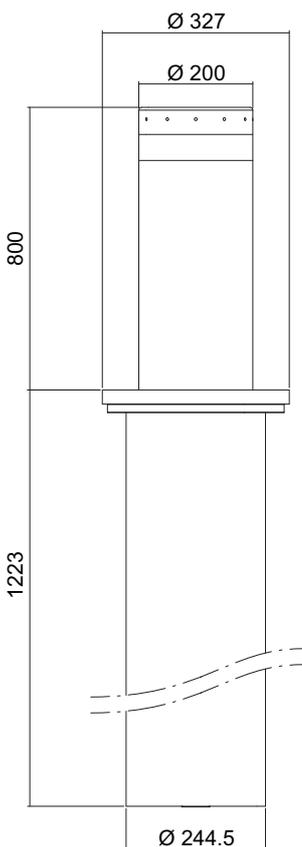
ATTENTION - DANGER



NEVER ACTIVATE THE RISING BOLLARD BEFORE HAVING FIXED THE TREADABLE FLANGE!



Overall dimensions - Spare parts list - VIGILANT 800



Electronic board
Code 9687001

Reflecting band
Code 9687002

Motor
Code 9687003

SAFETY REGULATIONS

- Do not stand within the area of movement of the rising bollard.
- Do not allow children to play with the controls, or in the vicinity of the rising bollard.
- In case of malfunctions do not attempt to repair the fault but call a specialised technician.

EMERGENCY MANUAL OPERATION

In the event of a power cut or of malfunction the bollard can be unlocked with the emergency switch fitted close to the control unit. Keep the switch pressed to lower the bollard.

MAINTENANCE

- Replace the buffer battery in the control unit maximum every 2 years.
- Absolutely avoid attempting to carry out repairs: you could cause accidents; for such operations call a specialised technician.
- The bollard does not require routine maintenance.

DISPOSAL

If the bollard is withdrawn from service, the current laws and regulations in force concerning the separate waste disposal and the recycling of the various components (metals, plastics, electric cables etc.) must be respected; it is advisable to contact your installer or a specialised company, authorised for the purpose.

ATTENTION

All RISE products are covered by an insurance policy that answers for any damage to things or persons caused by manufacturing defects.

NORMAS DE SEGURIDAD

- No detenerse en la zona de movimiento del disuasor de tránsito.
- No permitir que los niños jueguen con los mandos o en proximidad del disuasor.
- En caso de funcionamiento anómalo no intentar reparar la avería, acudir a un técnico especializado.

MANIOBRA MANUAL DE EMERGENCIA

De fallar el suministro de corriente eléctrica o si el funcionamiento es anómalo, se puede desbloquear el disuasor con el interruptor de emergencia situado cerca de la centralita. Mantener éste presionado para que baje el aparato.

MANTENIMIENTO

- Sustituir como máximo cada 2 años la batería tampón de la centralita.
- No intentar nunca efectuar reparaciones, pues se podría provocar accidentes. Acudir para ello a un técnico especializado.
- El disuasor de tránsito no requiere mantenimientos ordinarios.

DESGUACE

Al poner fuera de servicio el disuasor, se seguirán las disposiciones legislativas en vigor concernientes la eliminación selectiva y el reciclaje de sus diferentes componentes (metales, plásticos, cables eléctricos, etc.). Es conveniente contactar con el instalador o con una empresa especializada, habilitada para ello.

ATENCIÓN

Todos los productos RISE están cubiertos por una póliza de seguros que ampara contra daños a cosas o a personas causados por defectos de fabricación.

