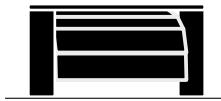


# TEO 700



- IT** Operatore elettromeccanico per porte sezionali  
*Istruzioni d'uso ed avvertenze*
- EN** Sectional door electromechanical operator  
*Operating instructions and warnings*
- FR** Moto-reducteur pour portes sectionnelles  
*Notice d'emploi et avertissements*
- DE** Elektromechanischer Antrieb für Sektionaltore  
*Bedienungsanleitung und Hinweise*
- ES** Operador electromecánico para puertas seccionales  
*Instrucciones de uso y advertencias*
- PT** Operador electromecânico para portas seccionais  
*Instruções para utilização e advertências*
- PL** Urządzenie elektromechaniczne do bram segmentowych  
*Instrukcja montażu i użytkowania*
- RU** Электро-механический привод для секционных ворот  
*Инструкции и предупреждения*



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**Via Della Tecnica, 6**  
**36013 PIOVENE ROCCHETTE (VI) - ITALY**

LIEVORE TIZIANO  
Amministratore  


# TEO 700

**Sectional door electromechanical operator**  
Operating instructions and warnings

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EN

## Product Conformity

DEA System guarantees the conformity of the product to European Directives 2006/42/CE regarding "machinery safety", 2014/30/EU "electromagnetic compatibility" and 2014/35/EU "low voltage electrical equipment". See **Declaration of Incorporation**.

## 1 WARNINGS SUMMARY

Read these warnings carefully; failure to respect the following warnings may cause risk situations.

**⚠ WARNING** Using this product under unusual conditions not foreseen by the manufacturer can create situations of danger, and for this reason all the conditions prescribed in these instructions must be respected.

**⚠ WARNING** DEA System reminds all users that the selection, positioning and installation of all materials and devices which make up the complete automation system, must comply with the European Directives 2006/42/CE (Machinery Directive), 2014/30/EU (electromagnetic compatibility), 2014/35/EU (low voltage electrical equipment). In order to ensure a suitable level of safety, besides complying with local regulations, it is advisable to comply also with the above mentioned Directives in all extra European countries.

**⚠ WARNING** Under no circumstances must the product be used in explosive atmospheres or surroundings that may prove corrosive and damage parts of the product.

**⚠ WARNING** To ensure an appropriate level of electrical safety always keep the 230V power supply cables apart (minimum 4mm in the open or 1 mm through insulation) from low voltage cables (motors power supply, controls, electric locks, aerial and auxiliary circuits power supply), and fasten the latter with appropriate clamps near the terminal boards.

**⚠ WARNING** All installation, maintenance, cleaning or repair operations on any part of the system must be performed exclusively by qualified personnel with the power supply disconnected working in strict compliance with the electrical standards and regulations in force in the nation of installation.

**⚠ WARNING** Using spare parts not indicated by DEA System and/or incorrect re-assembly can create risk to people, animals and property and also damage the product. For this reason, always use only the parts indicated by DEA System and scrupulously follow all assembly instructions.

**⚠ WARNING** Incorrect assessment of the impact forces can cause serious damage to people, animals or things. DEA System reminds the installer must verify that the impact forces, measured as indicated by the standard EN 12445, are actually below the limits set by the standard EN12453.

**⚠ WARNING** Any external security devices used for compliance with the limits of impact forces must be conform to standard EN12978.

 **WARNING** In compliance with EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), this electrical product should not be treated as municipal mixed waste. Please dispose of the product and bring it to the collection for an appropriate local municipal recycling.

## 2 PRODUCT DESCRIPTION

### Models and contents of the package

Under the name TEO 700 is identified a family of 24V electromechanical operators with built-in control board for adjusting the forces while opening/closing and for managing optional features such as photocells, automatic closing, etc.. Functions OPEN - CLOSE - STOP operated by a single key, change of direction when an obstacle is detected in closing, led courtesy light in opening and closing with auto-off after 3 minutes, protective functions for inputs in low and high voltage, short circuit, etc..

TEO 700 is an electromechanical operator for the automation of sectional, overhead counterweight and spring doors. It is basically made up of a mechanical operator rotating the draft gear that, through a chain, transmits the movement directly to the door draft system thus moving it.

Inspect the "Content of the package" (Pic. 1) and compare it with your product for useful consultation during assembly.

### Transport

TEO 700 is always delivered packed in boxes that provide adequate protection to the product, however, pay attention to all information that may be provided on the same box for storage and handling.

## 3 TECHNICAL DATA

TEO 700

CONTROL BOARD		OPERATOR	
<b>Power supply (V)</b>	230 V ~ ±10% (50/60 Hz)	<b>Motor power supply voltage (V)</b>	24 V ===
<b>Rated power transformer (VA)</b>	100 VA (230/22V)	<b>Absorbed power (W)</b>	100
<b>Fuse F2 (A) (transformer)</b>	2,5A 250V	<b>Max Thrust (N)</b>	1000
<b>Auxiliaries power supply output</b>	+24 V === max 200mA	<b>Work cycle (cycles/hour)</b>	15
<b>Flashing light output</b>	24 V === max 15W	<b>Maximum n° of operations in 24 hour</b>	35
<b>Receiver frequency</b>	433,92 MHz	<b>Operating temperature range (°C)</b>	-20-50
<b>Transmitters type of coding</b>	HCS rolling code	<b>Opening speed (m/min)</b>	9
<b>Max remote controllers managed</b>	20	<b>Weight of product with package (Kg)</b>	4,3
		<b>Protection degree</b>	IP30

## 4 INSTALLATION AND ASSEMBLY

### 4.1 For a satisfactory installation of the product is important to:

- Ensure the door frame is solid and suitable to be driven;
- Make sure that during its movement it doesn't present friction points;
- Check it is well balanced. If required adjust the balancing mechanisms;
- Foresee an adequately protected 230V socket near the automation.

### 4.2 Defined and satisfied these prerequisites, proceed to the assembly:

- Assemble the track (2) to the main unit (1) by inserting the motor pin inside the pinion (Picture 3);
- Fix the track to the main unit by using the two supports (3);
- Mount the angular support bracket (4) and fix it with the fixing support (we suggest to keep it as close as possible to the main unit);

**Warning:** bigger is the distance of the angular support from the main unit, smaller is the part of track available.

- Combine the angular support with the two ceiling fixing brackets (5) (adjust the brackets so that the track, once fixed, is perfectly horizontal);
- Fix the front bracket (6) to the track fork;
- Mount the release blade (8) on the release base (7) positioned on the track and fix it with the 4 screws provided (Picture 4);
- Secure the track to the door frame (if possible) or to the wall with screws or bolts suitable to the material respecting a distance of at least 40mm. from the maximum door stroke;
- Lift the main unit and fix it to the ceiling by using proper tools for the material/surface (Picture 5);
- Combine the straight lever (9) with the curved one (10) and fix them to the release blade;
- Combine the connecting bracket (11) to the curved lever and then secure them on the top side of the door to be moved by using proper tools for the material/surface;

**Warning:** Once the connecting bracket is mounted on the door, the curved lever must be horizontally positioned;

- If the chain get loose, tighten the nut on the front side and adjust tension without overdoing (Picture 6);

### 4.3 How to unlock the operator

All TEO 700 models are equipped with a release device that is activated by pulling down on the handle shown in Pic. 7, now if no obstructions hinder its movement, the door can now move freely. The door will be locked again automatically with the first travel thus returning the operator to its normal working conditions.

## 5 ELECTRICAL CONNECTIONS

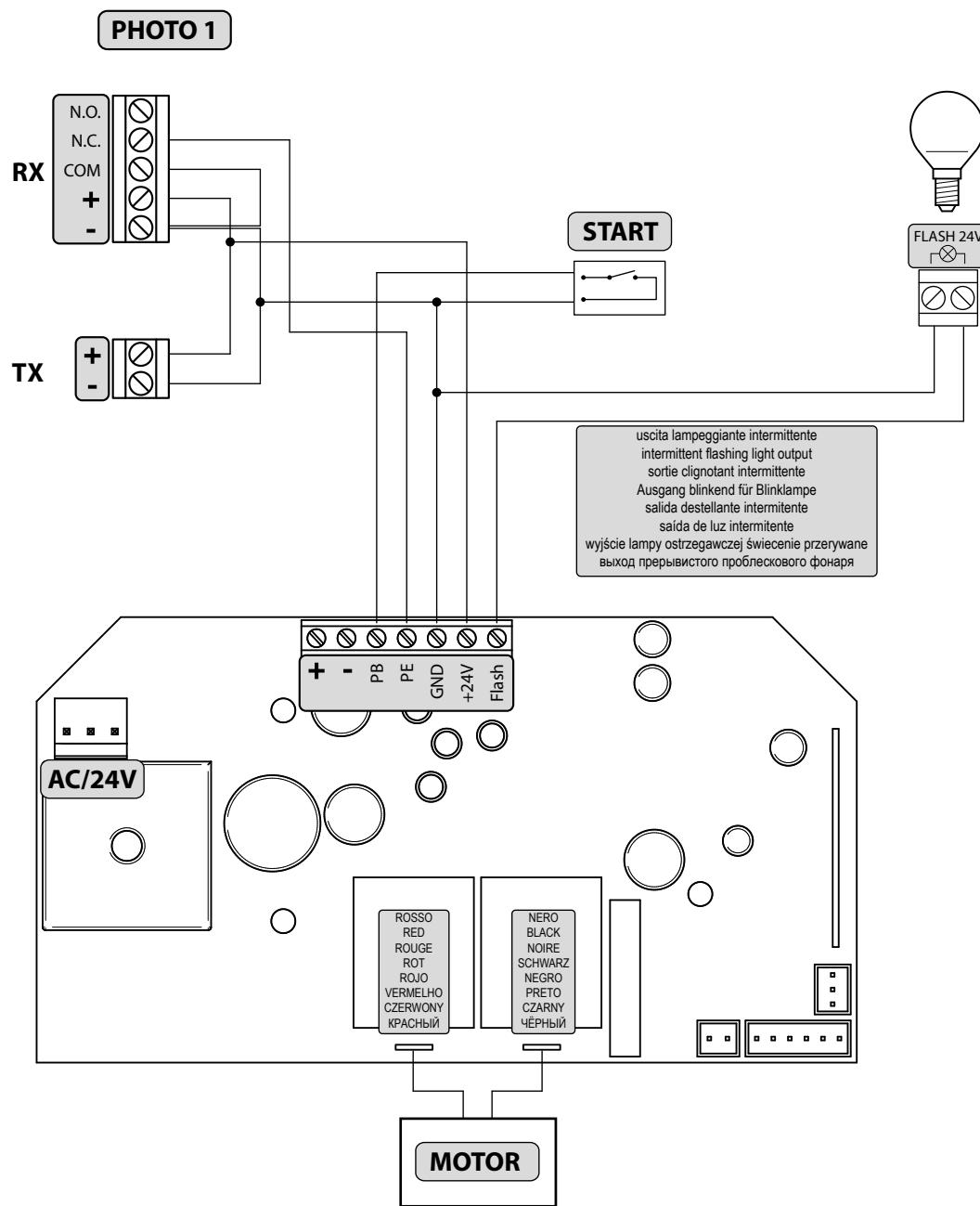
Execute the wiring following the directions of the diagrams.

**WARNING** To ensure an appropriate level of electrical safety always keep the 230V power supply cables apart (minimum 4mm in the open or 1 mm through insulation) from low voltage cables (motors power supply, controls, electric locks, aerial and auxiliary circuits power supply), and fasten the latter with appropriate clamps near the terminal boards.

**WARNING** Connect to the power supply 230 V  $\sim \pm 10\%$  50 Hz through a multi pole switch or a different device that can ensure multi pole disconnection from the power supply, with a contact opening of 3 mm.

**WARNING** To connect the encoder to the control panel, use only a dedicated cable 3x0,22mm<sup>2</sup>.

**Wiring Diagram**

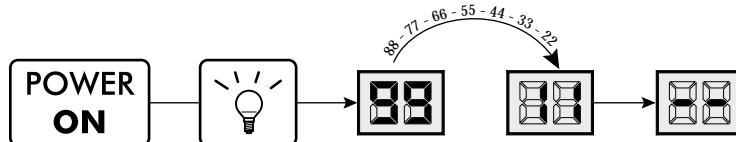


EN

## 6 PROGRAMMING

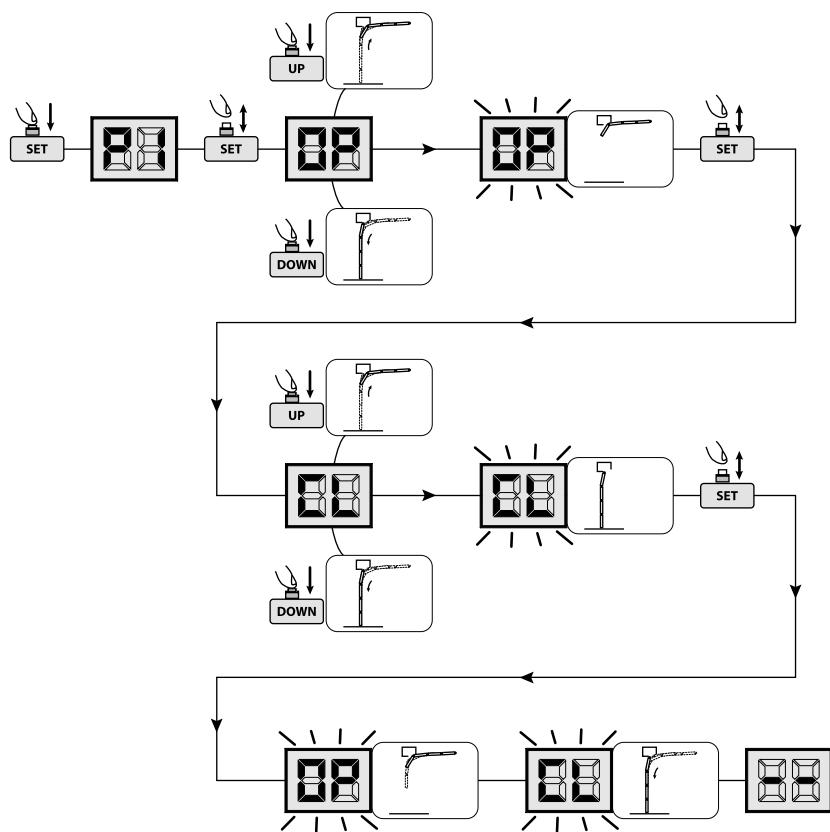
### 1 Power Supply

Turn on the power supply, the courtesy light flashes for a few seconds and the display shows numbers "99" to "1" followed by the standby symbol "- -".



### 2 Motor stroke learning

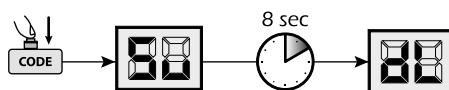
1. Press on the **SET** key until the display shows P1;
2. Confirm by pressing the **SET** key;
3. When "UP" is shown, press the keys **UP** / **DOWN** so the door opens ("UP" flashes); Confirm the opening position by pressing the **SET** key;
4. When "DL", appears, press the keys **UP** / **DOWN** so the door closes ("DL" flashes); Confirm the closing position by pressing the **SET** key;
5. The door automatically opens and closes looking for the opening/closing positions;
6. The display will show "----", programming complete.



### 3 Deletion of memorized transmitters

1. Press and hold the **CODE** key (display shows "5U") for 8 sec. until you see "dL" on the display;  
All remotes previously memorized will be deleted;

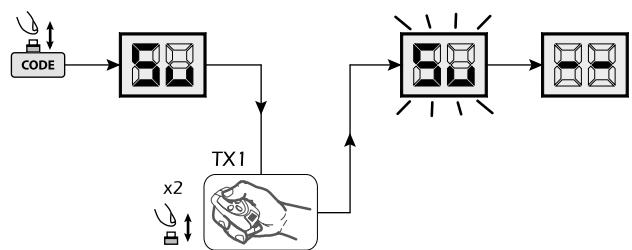
**Warning:** After 20 memorized codes (upper limit), the display shows "FU".



### 4 Transmitters learning

1. Press and hold the **CODE** key until the display shows "5U";
2. Press the remote key you want to learn, then release it and press a second time (the display shows "5U" flashing);
3. The display will show "----", learning complete;
4. Repeat this procedure to learn other remotes up to a maximum of 20 codes;

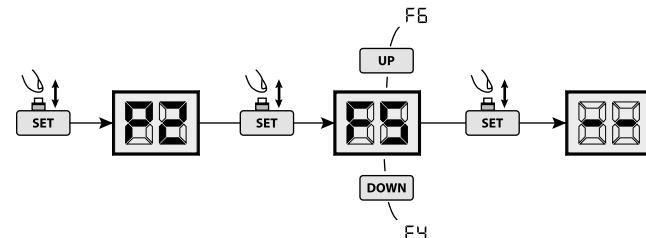
**Warning:** After 20 memorized codes (upper limit), the display shows "FU".



## 5 Force adjustment

### 5.1 Force adjustment while closing

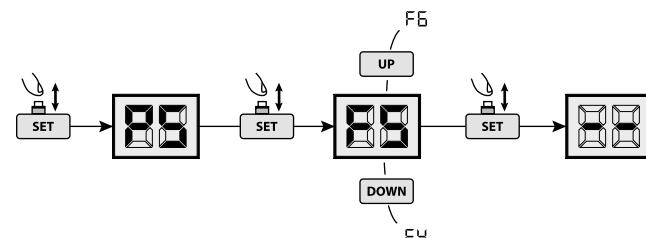
1. Press and hold the **SET** key until the display shows P1;
2. Scroll down the parameters with **UP**/**DOWN** keys until the display shows P2;
3. Confirm by pressing the **SET** key;
4. Pressing the **UP**/**DOWN** keys, set the desired value;
5. Confirm by pressing the **SET** key;
6. After completing this operation the display shows “--”.



**Warning:** After adjustments, check the force set on the door to secure the installation.

### 5.2 Force adjustment while opening

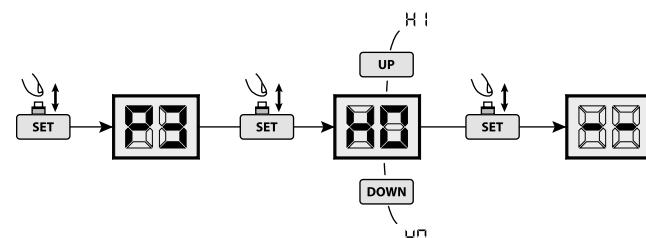
1. Press and hold the **SET** key until the display shows P1;
2. Scroll down the parameters with **UP**/**DOWN** keys until the display shows P5;
3. Confirm by pressing the **SET** key;
4. Pressing the **UP**/**DOWN** keys, set the desired value;
5. Confirm by pressing the **SET** key;
6. After completing this operation the display shows “--”.



**Warning:** After adjustments, check the force set on the door to secure the installation.

## 6 Photocells

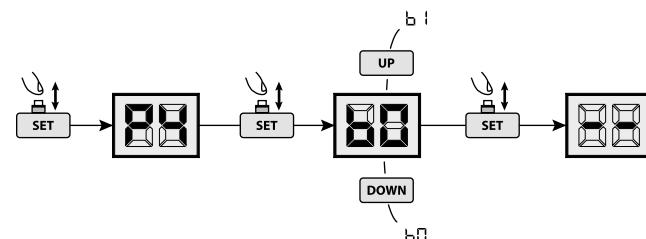
1. Press and hold the **SET** key until the display shows P1;
2. Scroll down the parameters with **UP**/**DOWN** keys until the display shows P3;
3. Confirm by pressing the **SET** key;
4. Pressing the **UP**/**DOWN** keys, set:
  - H0=photocells deactivated;
  - H1=photocells activated;
5. Confirm by pressing the **SET** key;
6. After completing this operation the display shows “--”.



**Warning:** If photocells are not used, set P3=H0.

## 7 Automatic closing

1. Press and hold the **SET** key until the display shows P1;
2. Scroll down the parameters with **UP**/**DOWN** keys until the display shows P4;
3. Confirm by pressing the **SET** key;
4. Pressing the **UP**/**DOWN** keys, set the desired value;
   
Each increment of the parameter value, increases of 1 minute  
the delay in closing up to a maximum of 9 minutes.
5. Confirm by pressing the **SET** key;
6. After completing this operation the display shows “--”.



**Warning:** The default value is P4=b0 (deactivated). If this function is active, it starts once the door opening position is reached.

## 7 START-UP

The start-up phase is very important to ensure maximum security and compliance to regulations, including all the requirements of EN 12445 standard which establishes the test methods for testing the automation for gates.

**DEA** System reminds that all installation, maintenance, cleaning or repair operations on any part of the system must be performed exclusively by qualified personnel who must be responsible of all texts require by the eventual risk;

### 7.1 Installation test

The testing operation is essential in order to verify the correct installation of the system. **DEA** System wants to summarize the proper testing of all the automation in 4 easy steps:

- Make sure that you comply strictly as described in paragraph 2 “WARNINGS SUMMARY”;
- Test the opening and closing making sure that the movement of the leaf match as expected. We suggest in this regard to perform various tests to assess the smoothness of the gate and defects in assembly or adjustment;
- Ensure that all safety devices connected work properly;
- Perform the measurement of impact forces in accordance with the standard 12445 to find the setting that ensures compliance with the limits set by the standard EN12453.

**WARNING** Using spare parts not indicated by **DEA** System and/or incorrect re-assembly can create a risk to people, animals and property and also damage the product. For this reason, always use only the parts indicated by **DEA** System and scrupulously follow all assembly instructions.

### 7.2 Unlocking and Manual operation

In the event of malfunctions or simple power failure, release the motor (Pic. 7) and perform the operation manually.

The knowledge of the unlocking operation is very important, because in times of emergency the lack of timeliness in acting on such a device can be dangerous.

**WARNING** The efficacy and safety of manual operation of the automation is guaranteed by **DEA** System only if the installation has been installed correctly and with original accessories.

## 8 MAINTENANCE

Good preventive maintenance and regular inspection ensure long working life. In the table below you will find a list of inspections/maintenance operations to be programmed and executed periodically.

Consult the TROUBLE-SHOOTING” table whenever anomalies are observed in order to find the solution to the problem and contact **DEA** System directly whenever the solution required is not provided.

INTERVENTION TYPE	PERIODICITY
Chain and rotating joints lubrication	6 months
Check screws screwdown	6 months
Check chain tension	6 months

TROUBLE-SHOOTING		
Description	Causes	Possible solutions
The chain is noisy.	Chain is not sufficiently in tension.	Properly adjust the tension of the chain by tightening the M8 nut (Pic. 6).
The operator does not start.	The power plug is not properly inserted or the fuse is damaged.	Check the correct insertion of the power plug or replace the fuse.
After learning the opening/closing position the operator does not start.	The track fixing screws are not properly tightened or some errors occurred during the learning procedure.	Tighten the track fixing screws or repeat the operator learning procedure of the stroke.
Door doesn't close.	The “photocell” function is activated.	Deactivate the “photocell” function.
Push-button works properly, while the remote does not.	The remote has not been learnt or battery is low.	Learn the remote or replace the battery.
Transmission distance is too short.	The remote battery is low.	Replace the remote battery.

## 9 PRODUCT DISPOSAL

TEO 700 consists of materials of various types, some of which can be recycled (electrical cables, plastic, aluminum, etc. ...) while others must be disposed of (electronic boards and components).

Proceed as follows:

1. Disconnect the power supply;
2. Disconnect and disassemble all the accessories connected. Follow the instructions in reverse to that described in the section "Installation";
3. Remove the electronic components;
4. Sorting and disposing of the materials exactly as per the regulations in the country of sale.

 **WARNING** In line with EU Directive 2012/19/EU for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste. Please dispose of this product by returning it to your local municipal collection point for recycling.

EN

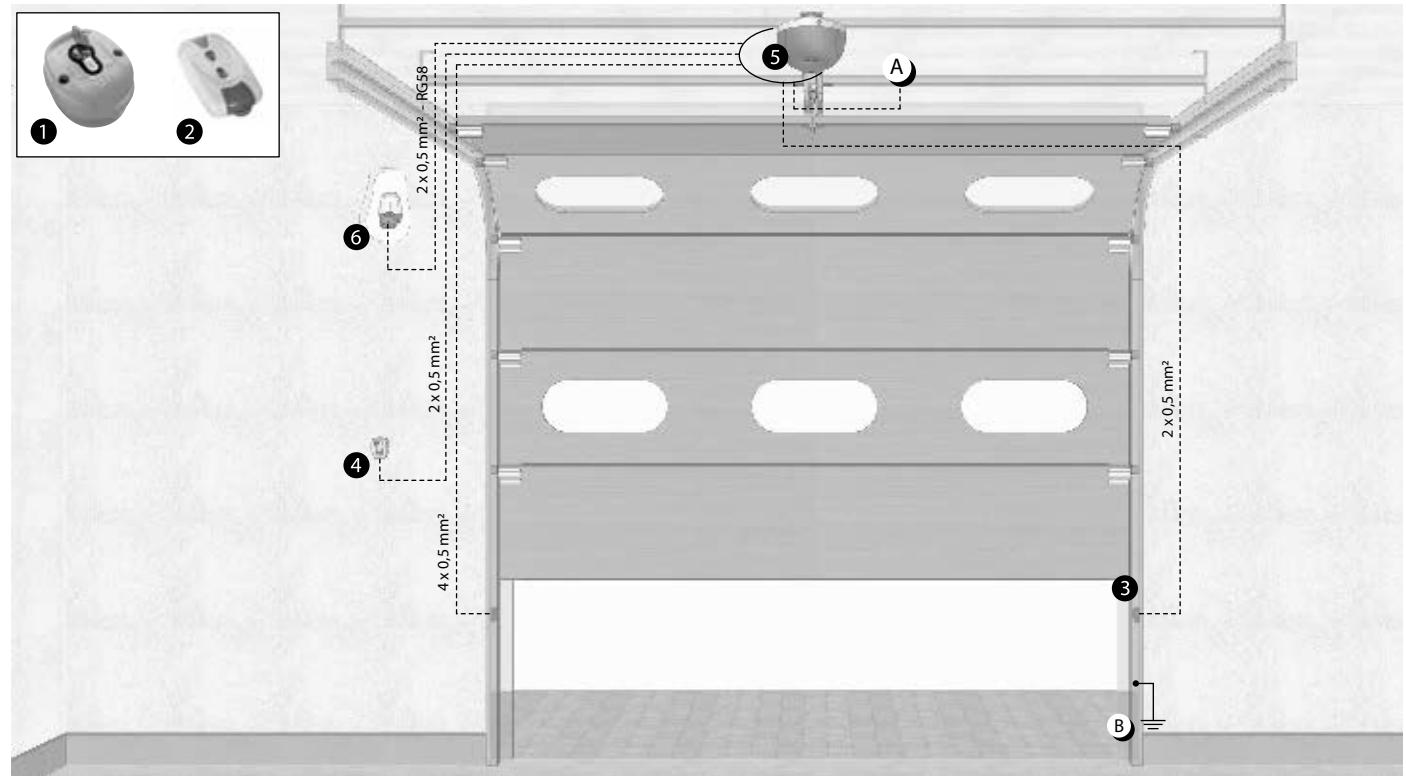


**Esempio di installazion tipica - Example of typical installation - Exemple d'installation typique - Installationsbeispiel - Ejemplo de instalación típica - Exemplo de instalação típica - Przykład standardowego systemu automatyzacji - Пример типового монтажа**

**DEA** System fornisce queste indicazioni che si possono ritenere valide per un impianto tipo ma che non possono essere complete. Per ogni automatismo, infatti, l'installatore deve valutare attentamente le reali condizioni del posto ed i requisiti dell'installazione in termini di prestazioni e di sicurezza; sarà in base a queste considerazioni che redigerà l'analisi dei rischi e progetterà nel dettaglio l'automatico. - **DEA** System provides the following instructions which are valid for a typical system but obviously not complete for every system. For each automation, the installer must carefully evaluate the real conditions existing at the site. The installation requisites in terms of both performance and safety must be based upon such considerations, which will also form the basis for the risk analysis and the detailed design of the automation. - **DEA** System fournit ces indications que vous pouvez considérer comme valables pour une installation-type, même si elles ne peuvent pas être complètes. En effet, pour chaque automatisation, l'installateur doit évaluer attentivement les conditions réelles du site et les pré-requis de l'installation au point de vue performances et sécurité ; c'est sur la base de ces considérations qu'il rédigera l'analyse des risques et qu'il concevra l'automatisation d'une manière détaillée. - Diese Angaben von **DEA** System können als gültig für eine Standardanlage angesehen werden, können aber nicht erschöpfend sein. So muss der Installationsfachmann für jedes Automatiksystem sorgfältig die Voraussetzungen des Installationsortes sowie die Leistungs- und Sicherheitsanforderungen an die Installation abwägen; aufgrund dieser Überlegungen muss er die Risikobewertung erstellen und genau das Automatiksystem entwickeln. - **DEA**

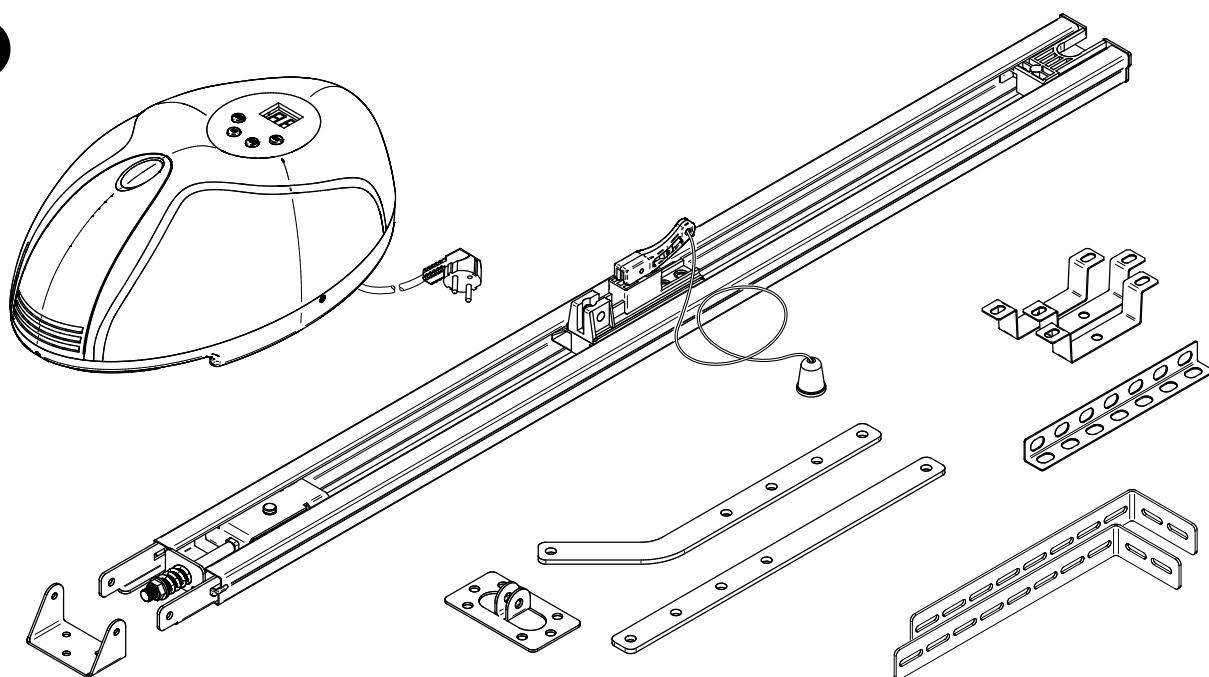
System facilita estas indicaciones que pueden considerarse válidas para una instalación tipo pero que no pueden considerarse completas. El instalador, en efecto, tiene que evaluar atentamente para cada automatismo las reales condiciones del sitio y los requisitos de la instalación por lo que se refiere a prestaciones y seguridad; en función de estas consideraciones redactará el análisis de riesgos y efectuará el proyecto detallado del automatismo. - **DEA** System fornece estas indicações que podem ser consideradas válidas para o equipamento padrão, mas que podem não ser completas. Para cada automação praticamente o técnico de instalação deverá avaliar com atenção as condições reais do sítio e os requisitos da instalação em termos de performance e de segurança; será em função destas considerações que realizará uma análise dos riscos e projectará. - **DEA** System dostarcza wskazówek, do wykorzystania w typowej instalacji ale nie będą one nigdy kompletne. Dla każdego typu automatyki, instalator musi sam oszacować realne warunki miejsca montażu i wymogi instalacyjne mając na uwadze przepisy dotyczące bezpieczeństwa. Na podstawie zebranych informacji będzie w stanie przeanalizować zagrożenia mogące wystąpić i zaprojektować w szczegółach automatyzację. - **DEA** System предлагает рекомендации, которые действительны для типовой системы, но, очевидно, не обязательны для каждой конкретной установки. Для каждого конкретного случая установщик должен тщательно оценить реальные условия. Устройства для установки оцениваются с точки зрения производительности и безопасности, которые необходимы для анализа рисков и детального проектирования системы автоматизации.

Pos.	Descrizione - Description - Description - Beschreibung - Descripción - Descrição - Opis - Описание
1	Selettori a chiave antiscasso KYO - Anti lock-picking key switch KYO - Sélecteur à clé anti-intrusion KYO - Einbruchfester Schlüsselschalter KYO - Selector a llave antisabotaje KYO - Interruptor de chave burglar KYO - Przelącznik kluczowy wandaloodporny KYO - Замковый выключатель KYO
2	Radiocomando - Remote-control - Radiocommande - Funksteuerung - Radiocomando - Comando via radio - Nadajnik - Пульт ДУ
3	Fotocellule 104 Lux - 104 Lux photocells - Photocellules 104 Lux - Fotozellen 104 Lux - Fotocélulas 104 Lux - Fotocélulas 104 Lux - Fotokomórki 104 Lux - 104 Lux fotoelementy
4	Pulsantiera PULSY - Push-button Keypad PULSY - Clavier a boutons PULSY - Wandtaster PULSY - Botonera PULSY - Botoneira PULSY - Przyciski sterujący PULSY - Кнопочный выключатель PULSY
5	TEO 700
6	Lampeggiante Lumy - Lumy flashing light - Clignotant Lumy - Blinker Lumy - Lámpara dest.Lumi - Intermitente Lumy - Lampa Ostrzegawcza Lumy - Сигнальная лампа

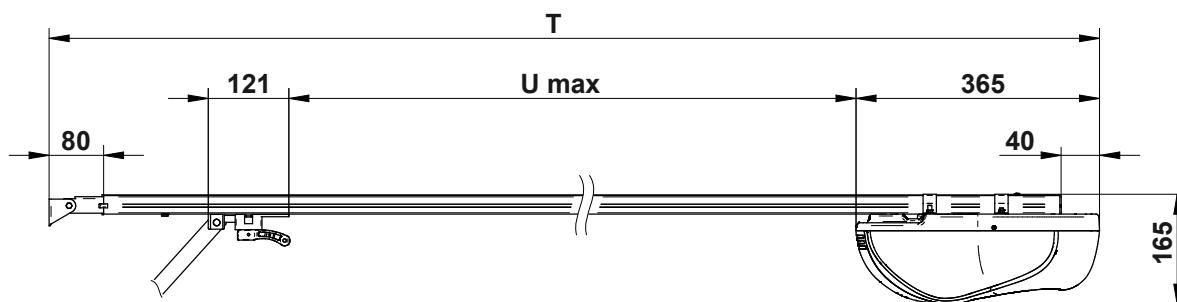


- A) Collegarsi alla rete 230 V ± 10% 50-60 Hz tramite un interruttore onnipolare o altro dispositivo che assicuri la onnipolare disinserzione della rete, con una distanza di apertura dei contatti ≥ 3 mm - Make the 230V ± 10% 50-60 Hz mains connection using an omnipolar switch or any other device that guarantees the omnipolar disconnection of the mains network with a contact opening distance of 3 mm - Connectez-vous au réseau 230 V ± 10% 50-60 Hz au moyen d'un interrupteur omnipolaire ou d'un autre dispositif qui assure le débranchement omnipolaire du réseau, avec un écartement des contacts égal à 3 mm. - Den Anschluss an das 230 V ± 10% 50-60 Hz Netz mit einem Allpolenschalter oder einer anderen Vorrichtung vornehmen, durch die eine allpolige Netzunterbrechung bei einem Öffnungsabstand der Kontakte von ≥ 3 mm gewährleistet wird. - Efectuar la conexión a una línea eléctrica 230 V ± 10% 50-60 Hz a través de un interruptor omnípolo u otro dispositivo que asegure la omnípolo desconexión de la línea, con 3 mm de distancia de apertura de los contactos. - Ligue na rede de 230 V. ± 10% 50-60 Hz mediante um interruptor omnipolar ou outro dispositivo que assegure que se desliga de maneira omnipolar da rede, com abertura dos contactos de pelo menos 3 mm. de distância - Podłączyć się do sieci 230 V ± 10% 50-60 Hz poprzez przełącznik jednobiegowy lub inne urządzenie które zapewni brak zakłóceń w sieci, przy odległości między stykami ≥ 3 mm. - Подключайтесь к сети 230V ± 10% 50-60 Гц с помощью многополюсного выключателя или используйте любое другое устройство, которое гарантирует многополюсное отключение питающей сети с расстоянием между контактами от ≥ 3 мм и больше.
- B) Collegare a terra tutte le masse metalliche - All metal parts must be grounded - Connectez toutes les masses métalliques à la terre - Alle Metallteile erden - Conectar con la tierra todas las masas metálicas - Realize ligação à terra de todas as massas metálicas - Uziemić wszystkie elementy metalowe. - Все металлические части должны быть заземлены.

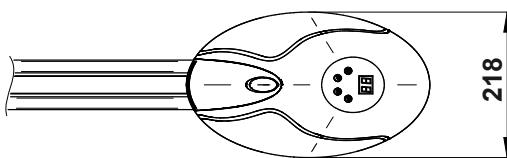
1



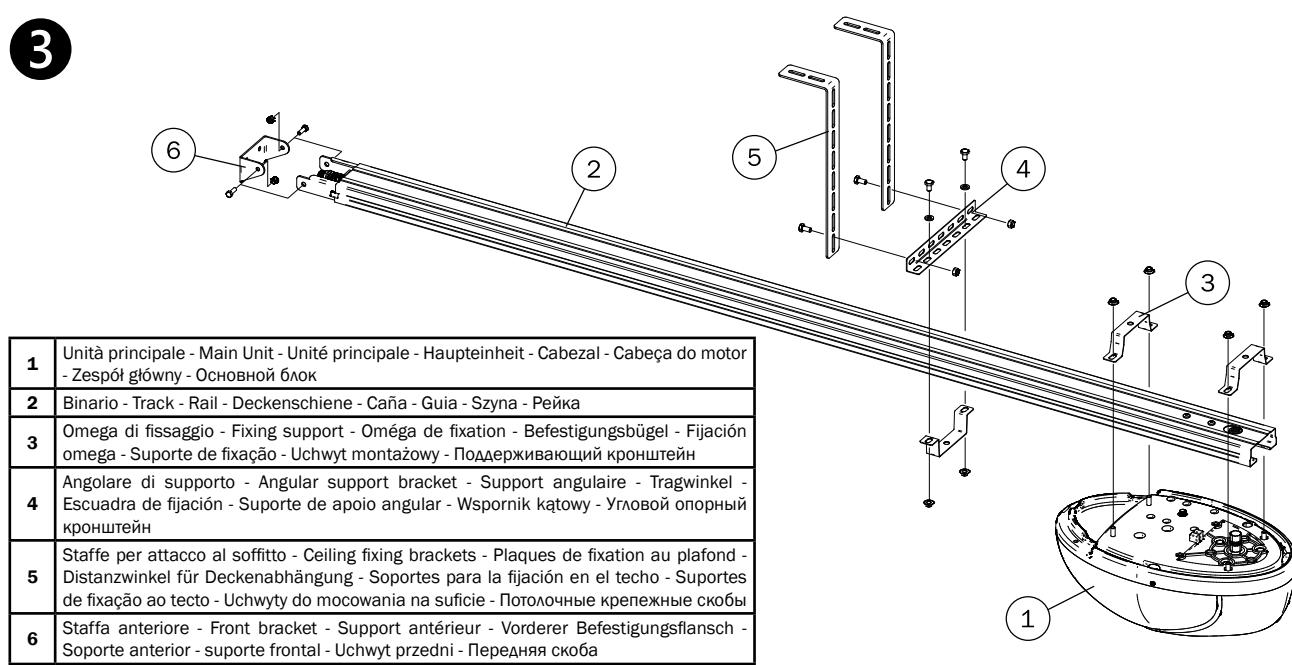
2



L=	U max	T
3200	<b>2620</b>	3320
3600	<b>3020</b>	3720

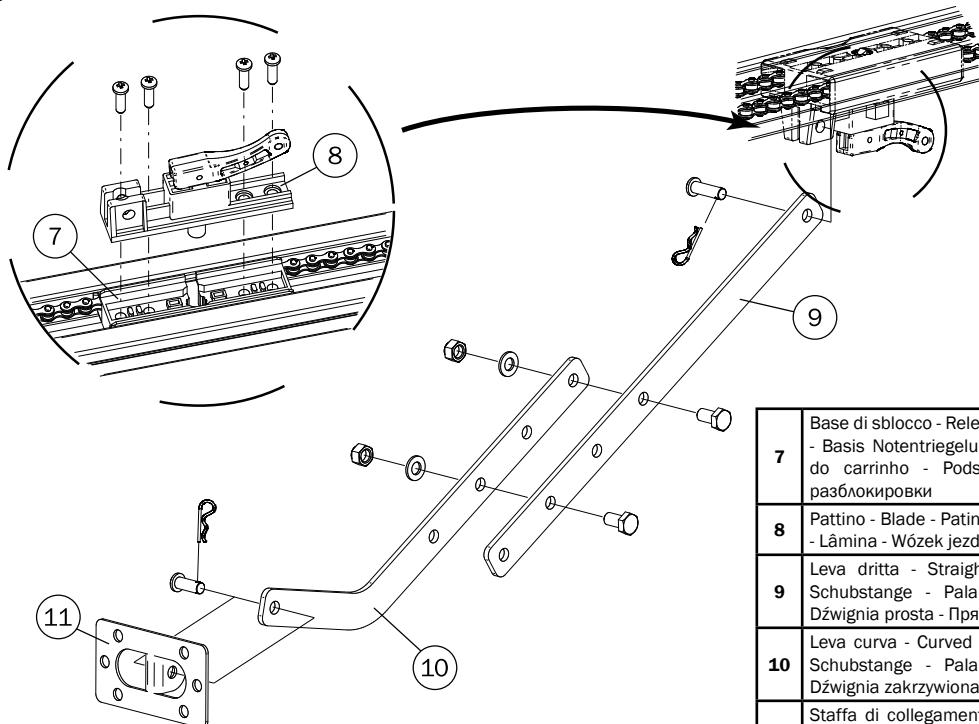


3



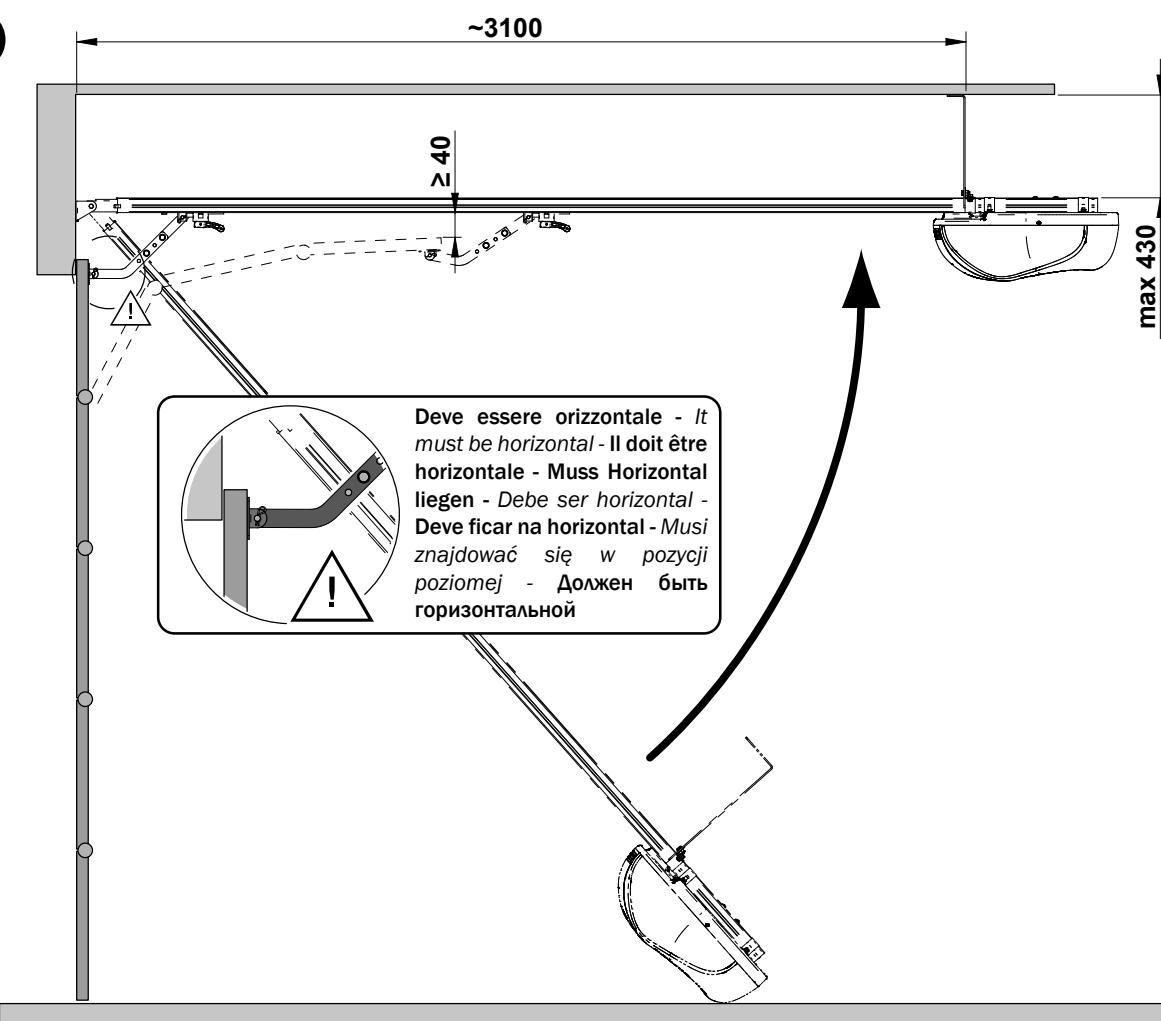
<b>1</b>	Unità principale - Main Unit - Unité principale - Haupteinheit - Cabeçal - Cabeça do motor - Zespół główny - Основной блок
<b>2</b>	Binario - Track - Rail - Deckenschiene - Caña - Guia - Szyna - Рейка
<b>3</b>	Omega di fissaggio - Fixing support - Oméga de fixation - Befestigungsbügel - Fijación omega - Suporte de fixação - Uchwyt montażowy - Поддерживающий кронштейн
<b>4</b>	Angolare di supporto - Angular support bracket - Support angulaire - Tragwinkel - Escuadra de fijación - Suporte de apoio angular - Wspornik kątowy - Угловой опорный кронштейн
<b>5</b>	Staffe per attacco al soffitto - Ceiling fixing brackets - Plaques de fixation au plafond - Distanzwinkel für Deckenabhängung - Soportes para la fijación en el techo - Suportes de fixação ao tecto - Uchwyty do mocowania na suficie - Потолочные крепежные скобы
<b>6</b>	Staffa anteriore - Front bracket - Support antérieur - Vorderer Befestigungsflansch - Soporte anterior - suporte frontal - Uchwyt przedni - Передняя скоба

4

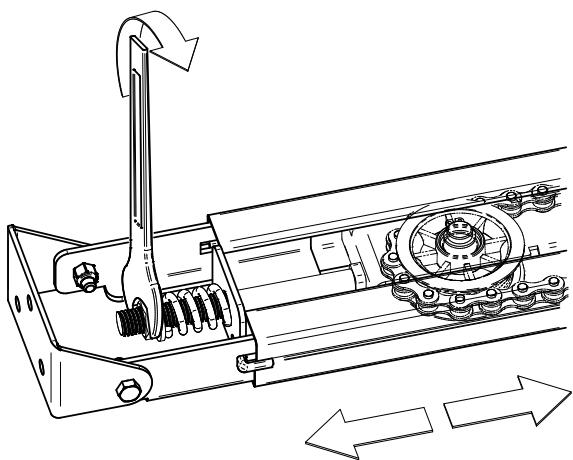


<b>7</b>	Base di sblocco - Release base - Base de déverrouillage - Basis Notentriegelung - Base de desbloqueo - Base do carrinho - Podstawa odblokowania - Система разблокировки
<b>8</b>	Pattino - Blade - Patin - Oberteil Notentriegelung - Patín - Lâmina - Wózek jezdny - тележка
<b>9</b>	Leva dritta - Straight lever - Levier droit - gerade Schubstange - Palanca recta - Alavanca direita - Dźwignia prosta - Прямая тяга
<b>10</b>	Leva curva - Curved lever - Levier courbe - gebogene Schubstange - Palanca curva - Alavanca Curva - Dźwignia zakrzywiona - Изогнутая тяга
<b>11</b>	Staffa di collegamento - Connecting bracket - Plaque de connection - Torblattbefestigung - Ângulo de conexão - Suporte de ligação - Wspornik łączeniowy - Соединительные пластины

5



6



**ATTENZIONE:** Al fine di prevenire rotture del supporto, non tendere eccessivamente la catena.

**WARNING:** do not tighten the chain to avoid the support get broken.

**ATTENTION:** Afin d'éviter la rupture du support, ne pas trop tendre la chaîne.

**ACHTUNG:** Um die Antriebswelle nicht zusätzlich zu Belasten darf die Kette nicht zu stark gespannt werden.

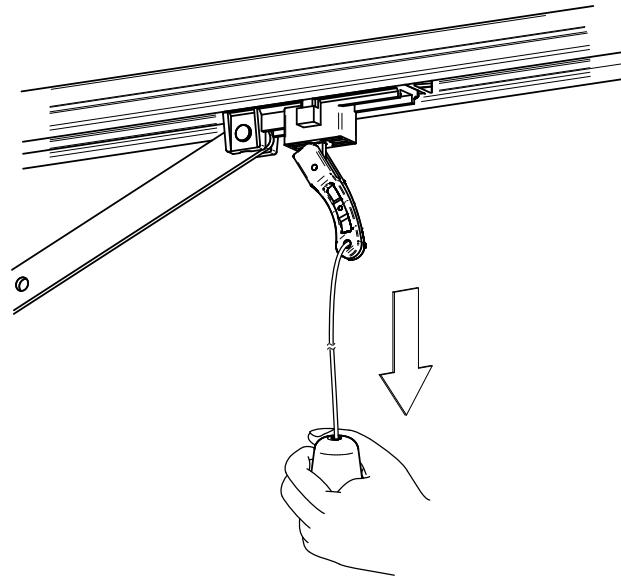
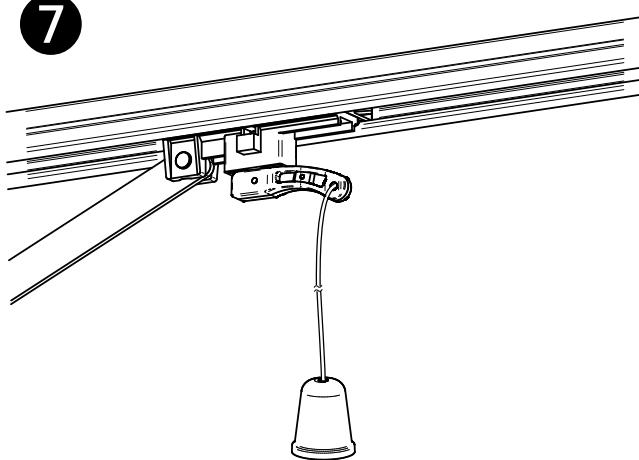
**ADVERTENCIA:** Para evitar la rotura del soporte, no tender demasiado la cadena.

**ADVERTÊNCIA:** Para evitar que se parta o suporte, não aperte demasiado a corrente.

**UWAGA:** Aby zapobiec pękaniu uchwytu, nie należy dokręcać zbyt mocno łańcucha.

**ВНИМАНИЕ:** Не перетягивайте цепь, чтобы избежать поломки.

7



## INSTRUCTIONS FOR THE FINAL USER

This guide has been prepared for the final users of the automatism; the installer is required to deliver this guide and illustrate its contents to the person in charge of the system. The latter must then provide similar instruction to all the other users. These instructions must be carefully conserved and easily available for consultation when required.

Good preventive maintenance and frequent inspection ensures the long working life of the product. Contact the installer regularly for routine maintenance and in event of anomaly.

### SAFETY RULES

1. Always keep a safe distance from the automatism during operation and never touch any moving part.
2. Prevent children from playing near the automatism.
3. Perform the control and inspection operations prescribed in the maintenance schedule and immediately stop using the automatism whenever signs of malfunction are noted.
4. Never disassemble parts of the product! All maintenance and repair operations must be performed only by qualified personnel.
5. The release operation must sometimes be performed in emergencies! All users must be instructed on the use of the release mechanism and the location of the release keys.

### TEO 700 RELEASE MECHANISM

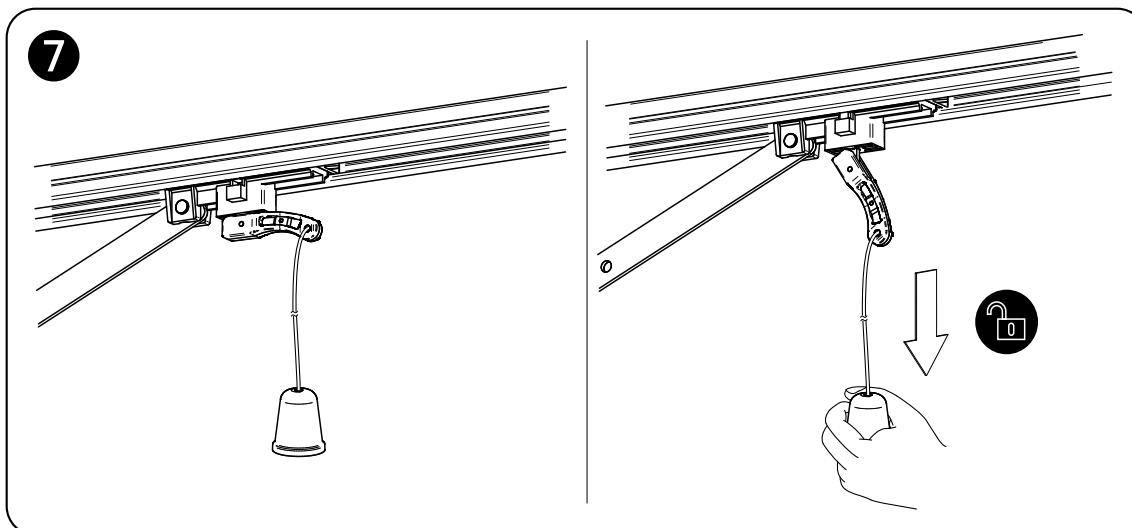
**WARNING Cut out the power supply of the control panel before manually releasing the door. If for some reason it is not possible to cut out the power supply, it will be necessary to bring the door and lock it in the same position where it has been released.**

All TEO 700 models have a release device that is activated by pulling the handle indicated in Fig. 7 downwards; at this point, the door is free to move if there are no other obstructions present. To restore the motor work condition, move the handle upwards and **move the door manually until the release runner is blocked again**.

**WARNING:** During this operation gate may present uncontrolled movement: operate with extra care so to avoid any risk.

### CLEANING AND INSPECTIONS

The only operation the user can and must do is to remove any obstacle hindering the door or TEO 700 operator travel range. Warning! Always disconnect the power supply whenever performing operations on the gate!





move as you like

## NOTES



move as you like

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