



Automation for gates and doors



Catalogue 2022 - English

2022



GENERIC icons



Article



Patented



Product in conformity with European rules



Quantity per package



Diameter



Max packaging per pallet



Operator with Encoder for position management and obstacles detection



3 years warranty



Operator with 2 channels Encoder for position management and obstacles detection



Integrated control board



Limit switches
M = magnetic limit switches
E = electromechanical limit switches
S = mechanical stop



Not self-locking operator
(C=self-locking in closed position)
(A=self-locking in opened position)



Use intensity
* Residential
* * Semi-intensive
* * * Intensive
* * * * Continuous use



Motor power supply



Electric-lock



Catalogue page



SPECIFIC icons



Bollard's height



Maximum Thrust



Maximum opening angle



Maximum door weight



Rounds per minute



Product weight



Stroke



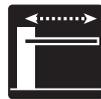
Thickness



Traction force



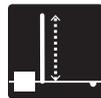
Maximum surface



Boom length



Opening time



Maximum door length

	[LIVI/N  23
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DEA at a glance

1993

Piovene Rocchette - Italy

DEA System comes to life

DEA's **vision** has always been **multinational** from the very beginning of its activities. We exported our challenge and values almost **30 years ago**, becoming a company highly renowned and appreciated worldwide for its quality automation products.



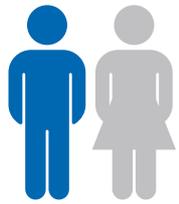
Branches in EEC and non-EEC countries

7 branches have been opened since 2012: this is the result of the **increasing need for local resource and capability**, coming from the positive feedback received by the international markets.

Six branches in France, two in the UK, one in Germany, Spain, Portugal, Belarus and Poland contribute to the promotion of the DEA brand, while guaranteeing and protecting the quality of its products.

- ✓ Italy (Piovene Rocchette HQ)
- ✓ France (Lyon, Nantes, Toulouse, Bordeaux, Montpellier, Marseille)
- ✓ United Kingdom (Hatfield - GB, Cookstown - IRE)
- ✓ Spain (Barcelona)
- ✓ Portugal (Viseu)
- ✓ Germany (Markt Indersdorf)
- ✓ Poland (Kęty)
- ✓ Belarus (Minsk)





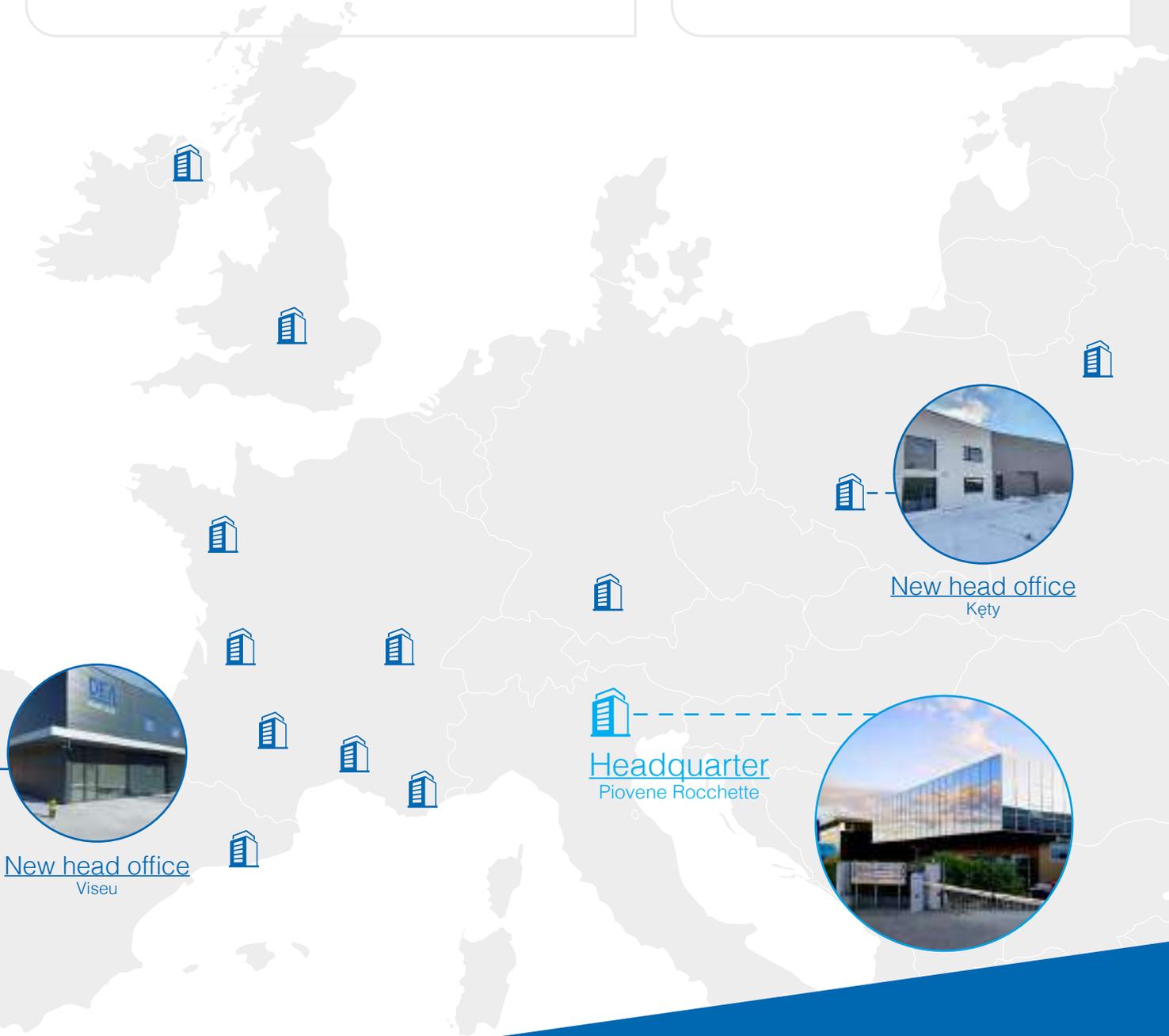
150

People all over the world



2

Production plants in Italy



NET724EVO

Available in Q2 2022

The new DEA control board with **EVO-track** technology for dynamic force adjustment.

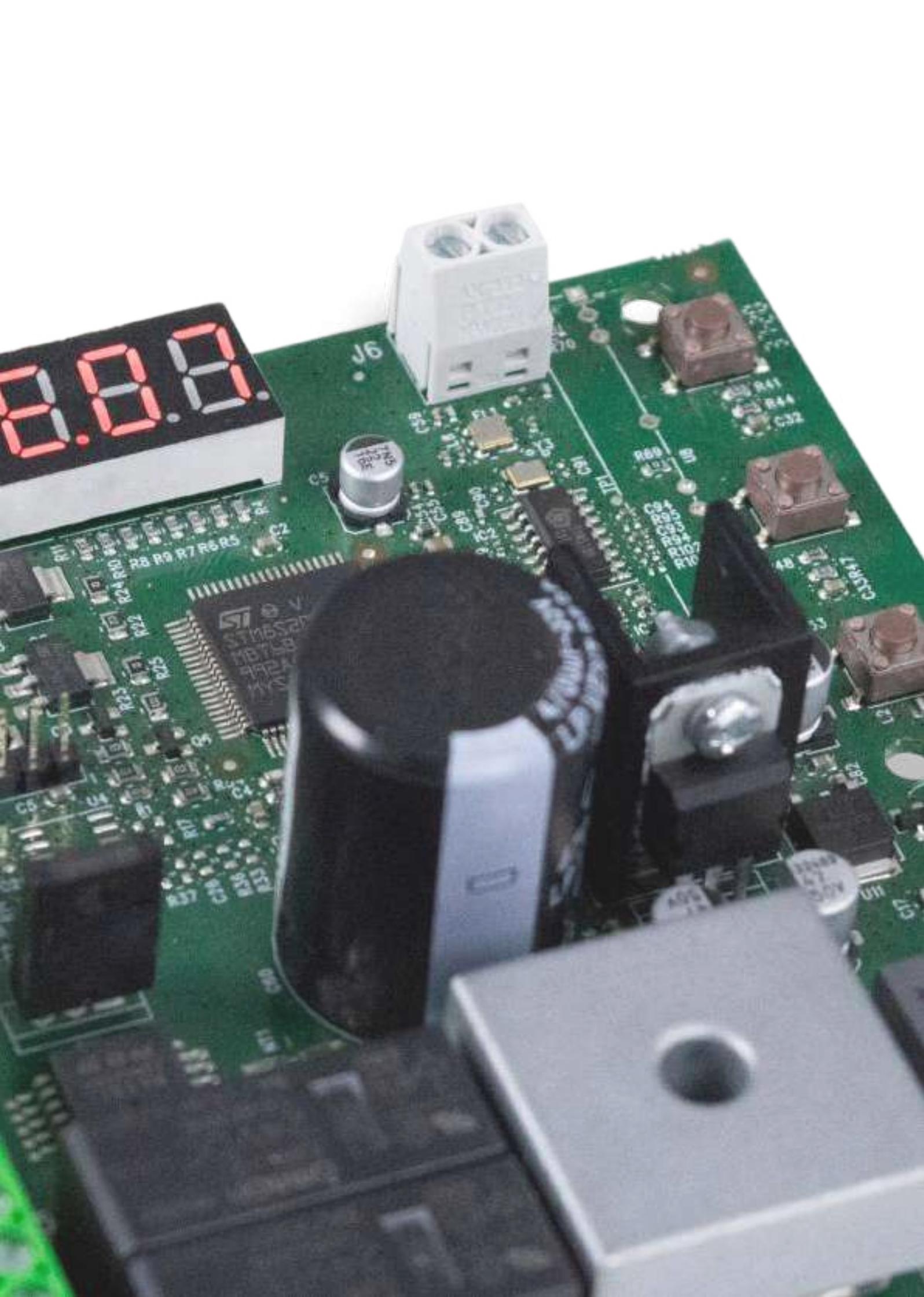


- ✓ **Advanced self-programming**
- ✓ **Dynamic force adjustment**
- ✓ **Enhanced anti-crushing sensitivity along the entire stroke**



Want to be updated
about the release of this product?
Subscribe to our newsletter!





✓ New navigation menus, **EASY** and **PRO**

EASY MENU

The **basic parameters** for fast and automatic installation.

PRO MENU

All parameters available, for the most complex installations.



Customise your list

EASY

Have you changed a parameter in the **PRO** menu?

You will then find it immediately available in the **EASY** list!



Larger built-in receiver: capable of storing up to **200 remote controls**!



Want to be updated about the release of this product? Subscribe to our newsletter!





✓ New functions

We have added new parameters to **customise** your installation.
For example:

ANTI-BURGLARY

Someone tries to open your garage?

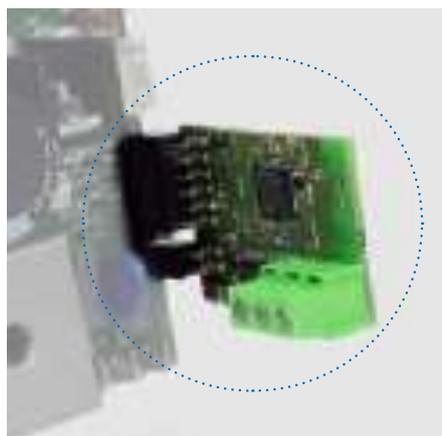
The control board sends a forced closing command to the operator.

STATUS DETECTION

By activating this parameter you can give open, closed or burglary alarm **status** signals to other external systems.

✓ Improved diagnostics

You can identify errors in the control board with a high level of detail, allowing you to take targeted action.



You can install NET-NODE 2.0 module onto the control board.

SPACE N

Available in Q2 2022

The range of SPACE operators is in **full evolution**.

The new products our team are working on, are revolutionary both in terms of functionality and design.

Need to open and close the garage door quickly?

SPACE N is also available in a **BOOST** version!

 **24 cm/sec**

New design with double-finishing,
bi-colour protection case

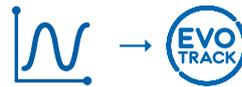
New NET724EVO control board



New navigation with
EASY and PRO menus



New parameters



Improved motion
management and force
tracking (with **EVO-
Track** technology)

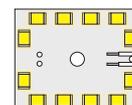


Precise diagnosis for
all logs



Want to know more?
Have a look at p. 4

More light thanks to the
new diffuser and the more
powerful LED circuit



Want to be updated
about the release of this product?
Subscribe to our newsletter!



ADVANCE N

Available in Q2 2022

Same design,
new features.

New NET724EVO control board



New navigation with
ERSY and PRO menus



New parameters



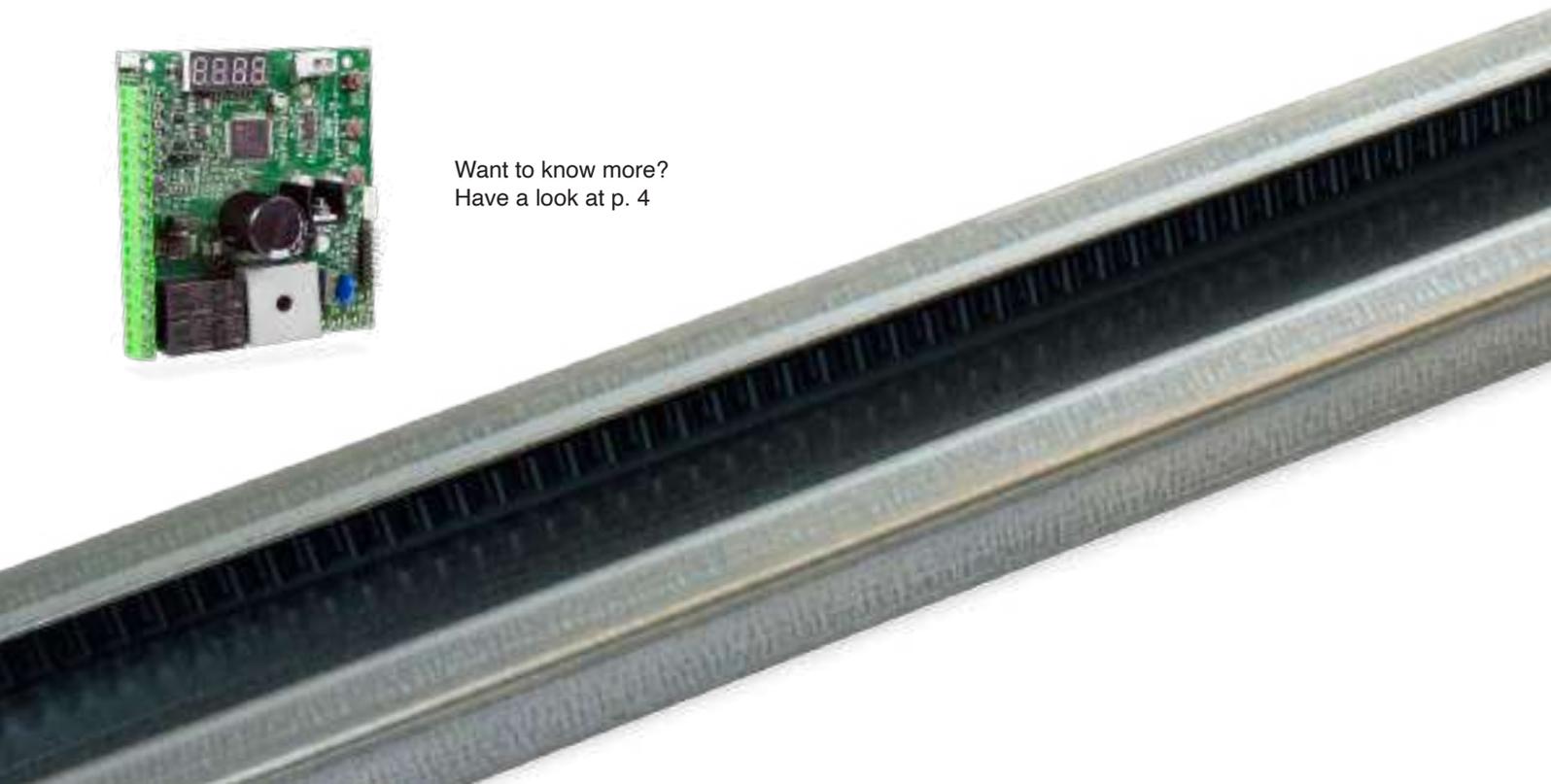
Improved motion
management and force
tracking (with **EVO-
Track** technology)



Precise diagnosis for
all logs

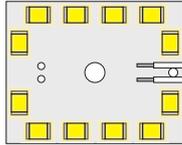


Want to know more?
Have a look at p. 4



Brighter

New 12-LED module



Want to be updated
about the release of this product?
Subscribe to our newsletter!



REVERSIBLE STING

Available in Q2 2022

This operator is **reversible**, in case of power failure the gate can be opened manually without manual unlocking*.

*when used in combination with electric panic lock/magnets.

Faster operator

90° in about 12".

 34mm/s

 12s - 90°

Adjustable brackets

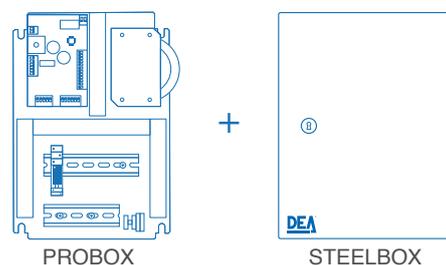
STING/24/R is supplied with: **adjustable brackets*** perfect for any installation

*(not compatible with other operators)



Complete installation

Ideal for use with PROBOX and STEELBOX





Want to be updated
about the release of this product?
Subscribe to our newsletter!



Intensive use

Perfect for collective installation.

60 Manoeuvres/Hour



TECHNICAL INFO	STING/24 REV
Motor power supply (V)	24 V
Maximum power absorption (W)	60
Max thrust (N)	1000
Duty cycle (cycles/hours)	60
N. max cycles in 24h.	350
Built-in capacitor (µF)	/
Operating temperature (°C)	(-20°) - (50°)
Motor thermal protection (°C)	/
Linear speed (mm/s)	34
90° Opening time (s)*	11,6
Weight with packing (Kg)	8,8
Protection rating	IPX4
Sound pressure (dBA)	≤70

* speed and time calculated empty

OMEGA/S

Available in Q2 2022

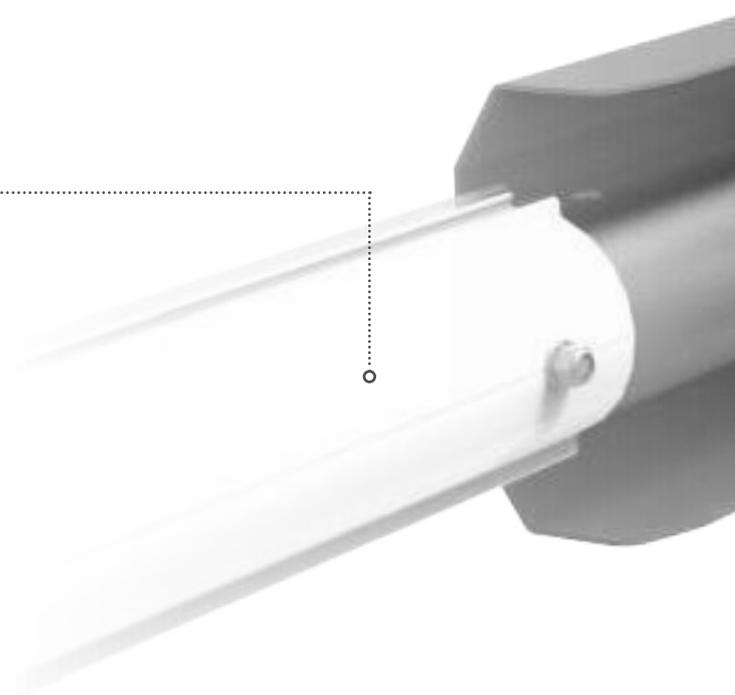
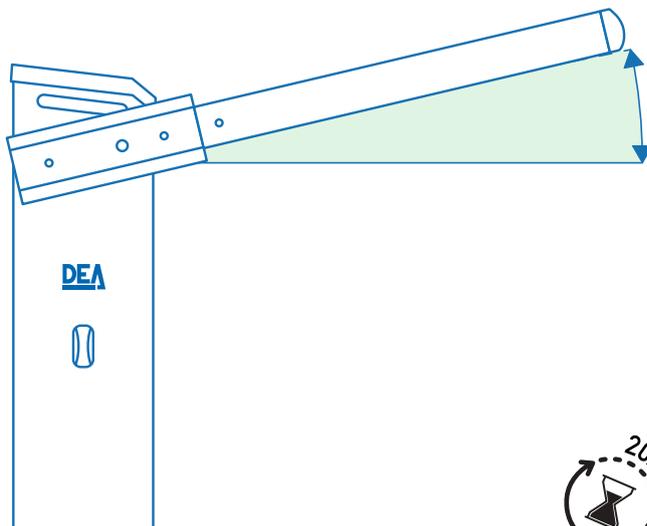
Our new **release rod holder system** for TRAFIK.

100% safe in case of collision

The integrated safety limit switch detects the impact and stops the drive.

The rod unhooks but doesn't fall down

No damage because the rod remains fixed on the barrier.



Area where the rod releases



Want to be updated about the release of this product? Subscribe to our newsletter!





ne to DEAcoud

E-mail

Password

Enter

Forgot your password? [Click here to reset it.](#)

Not yet registered?

Professional register
Register your company and services with us now.

Register

Installation Manager

Register your software and add your installer to our list.

Register





NETCOM

**Installations
maintenance and
remotes management.**

All the functions you need in just
one device. From your office.

Remote management

NETCOM is a multi-faceted tool that adapts to different kinds of usage.



Set scheduled maintenance operations
(Feature: "Maintenance calendar")



Define when a user can enter or exit
(Feature: "Time slots")



Set an automatic opening/closing of the gate
even with operators of other brands.
(Feature: "Timer" for automatic actions)



Choose your holidays: decide when automatic actions can be deactivated
(Feature: "Automatic actions calendar")

NETCOM is to be used with DEACloud: the website that allows you to manage all your devices with NETLINK technology.

<https://cloud.deasystem.com>



Watch the video!

Are you a **professional installer** or a **user**? Find



Remotes

- Manage
- Add
- Edit
- Delete



DEUser app

- Enable and disable users
- Edit passwords



GSM call

- Enable and disable users
- Activate one or more devices on the sites with one call



Program NETLINK devices

- DE@NET control boards
- DEUser app receivers



Check for any fault on the site
and act promptly in case of fault



Check who went in or out
(Feature: "Event Log")



Check if any safety device has been activated
(Feature: "Event Log")



Check the authorisations of the users
Decide who can open the gate and which automations the user can control

out how to use NETCOM in the following pages!



SLIDING GATES



Automation for residential, collective and industrial sliding gates



LIVI/N

- Up to 900 kg
- 230V / 24V
- Residential use
- Operators with encoder
- Available in fast version, BOOST models (16mm/s)



REV

- Up to 1400 kg
- 230V / 24V
- Collective and industrial use
- Operators with encoder, not self-locking version available



GULLIVER

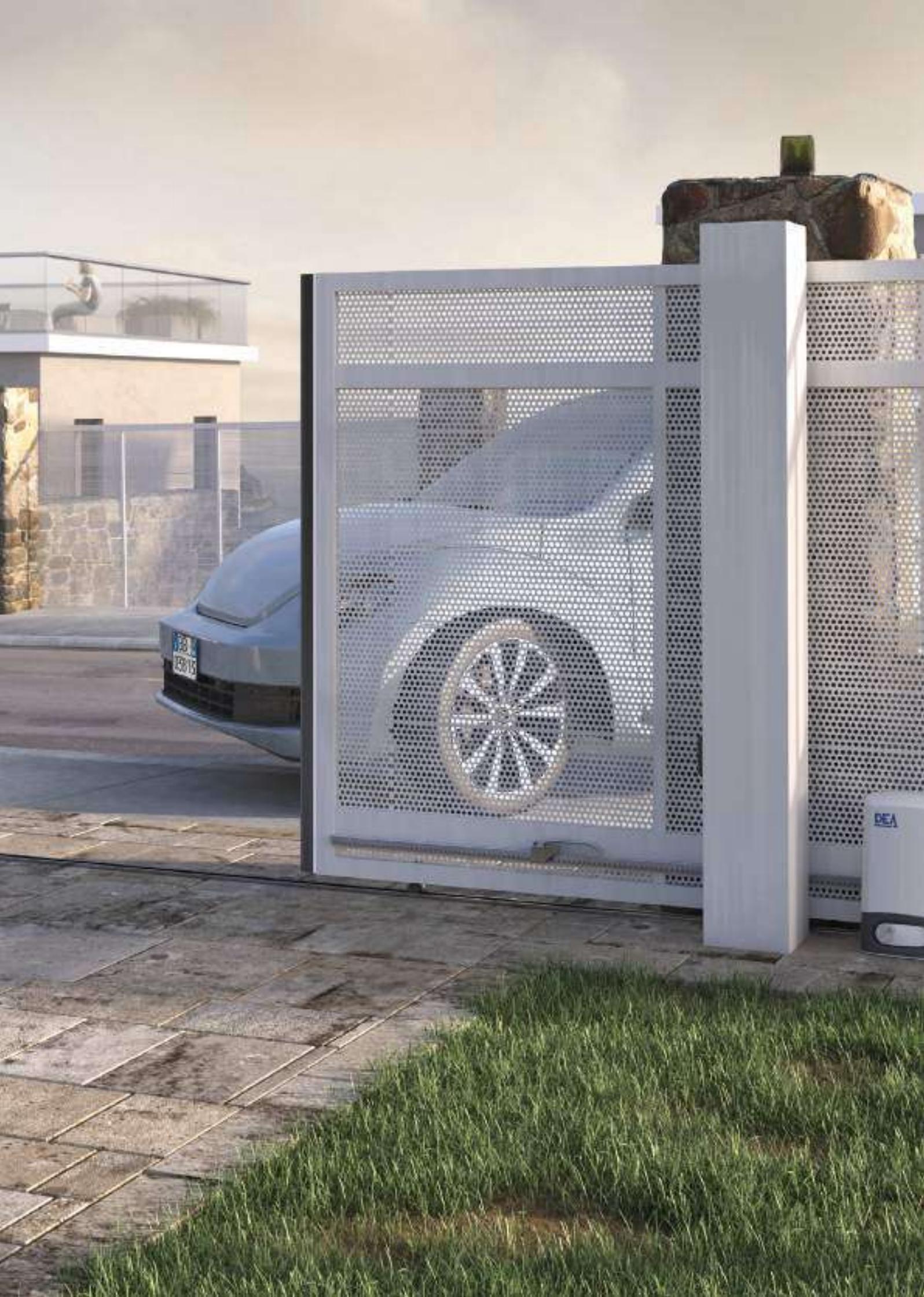
- Up to 2500 kg
- 230V / 400V
- Industrial use
- Operators with encoder, available with electro-mechanical brake

SELECTION GUIDE

Select the right automation

400 kg	230V	212E	●				LIVI 403N
600 kg	24V	NET24N	●				LIVI 6/24N LIVI 6/24N-BOOST
	230V	NET230N	●	✓			LIVI 6N
800 kg	230V	212E	●				LIVI 803N
900 kg	24V	NET24N	●				LIVI 9/24N
	230V	NET230N	●	✓			LIVI 9N
1400 kg	24V	NET24N	● ● ● ●				REV24
	230V	NET230N	● ●	✓			REV220
			● ● ● ●	✓	✓		REV220/RF
2100 kg	230V	NET230N	● ● ● ●	✓			18NET
2500 kg	400V	400RR	● ● ● ●	✓			25RRT





LIVIN

Automation for residential sliding gates

up to 900 Kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



LIV/N

Control board positioned in a lifted position at the front. Always accesible and perfect for small or narrow spaces.



All our products are made with high quality materials, such as steel and bronze, which guarantee reliability over time.



To program this engine with the DE@installer app, the NET-NODE interface device must be used.

NET-NODE has its own specific housing inside the motor and allows the smart device to communicate with the control unit.

Battery kit with dedicated support (optional and only for 24V models), to guarantee operation during power outages



Models available with magnetic limit switches

Compatible with external cable release (item 450N and item BLINDOS - optional), to always have safe access from outside the property

The DE@NET universal control board makes this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation maintenance and remote control management!

The fixing system with invisible plate and threaded bar guarantees a quick and compact installation



LIV/N	Opening speed	10 m/min
LIV/N-BOOST		16 m/min

Note: the opening speed could decrease according to the installation characteristics



230V ~ operators with control board, limit switches and encoder



COD.	Art.	EN	Kg	Encoder	DEA	ENCODER	OTHER CHARACTERISTICS
614700	LIVI 6N	EN 12453 EN 12454 EN 12449	600 kg	●	NET230N	✓	<ul style="list-style-type: none"> • Irreversible with limit switches (magnetic only for 6N/M and 9N/M versions) • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection • Anti-crushing safety device
614701	LIVI 6N/M	EN 12453 EN 12454 EN 12449	600 kg	●	NET230N	✓	
615700	LIVI 9N	EN 12453 EN 12454 EN 12449	900 kg	●	NET230N	✓	
615701	LIVI 9N/M	EN 12453 EN 12454 EN 12449	900 kg	●	NET230N	✓	

All models have: control board and fixing plate (to be screwed) included

24V = operators with control board and limit switches



COD.	Art.	EN	Kg	Encoder	DEA	OTHER CHARACTERISTICS
614750	LIVI 6/24N/F	EN 12453 EN 12454 EN 12449	600 kg	●	NET24N	<ul style="list-style-type: none"> • Irreversible with limit switches (magnetic only for 6/24N/M, 6/24N/M-BOOST and 9/24N/M versions) • Speed adjustment and slow down in opening and closing • Anti-crushing safety device • Versions with increased speed only in BOOST models (16m/min)
614752	LIVI 6/24N/M	EN 12453 EN 12454 EN 12449	600 kg	●	NET24N	
614751	LIVI 6/24N/F-BOOST	EN 12453 EN 12454 EN 12449	600 kg	●	NET24N	
614753	LIVI 6/24N/M-BOOST	EN 12453 EN 12454 EN 12449	600 kg	●	NET24N	
615750	LIVI 9/24N/F	EN 12453 EN 12454 EN 12449	900 kg	●	NET24N	
615751	LIVI 9/24N/M	EN 12453 EN 12454 EN 12449	900 kg	●	NET24N	

All models have: control board and fixing plate (to be screwed) included

212E 230V ~ operators with control board and limit switches



COD.	Art.	Kg	Encoder	DEA	OTHER CHARACTERISTICS
614702*	LIVI 403N*	400 kg	●	212E	<ul style="list-style-type: none"> • ATTENTION: not compatible with NETLINK • Self-locking with limit switches • Electronic force adjustment • Automatic working time learning • Controlled input for external safety device
615702*	LIVI 803N*	800 kg	●	212E	

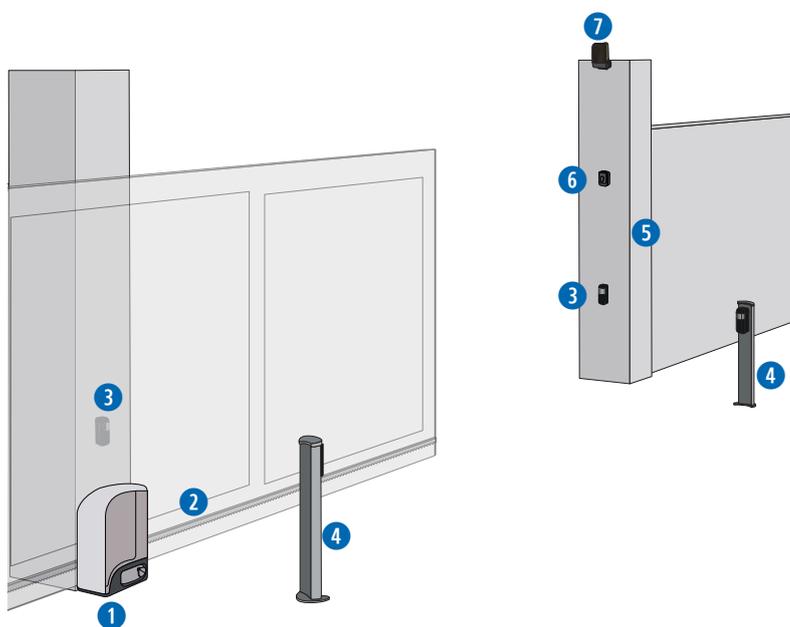
All models have: fixing plate (to be screwed) included

* In order to respect the limit of impact forces foreseen by EN 12453, you must use the external safety devices in compliance with EN 12978.

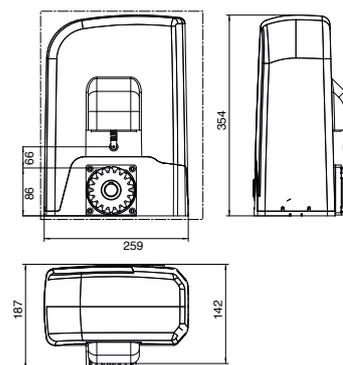
TECHNICAL INFO	LIVI 403N - LIVI 6N LIVI 6N/M	LIVI 803N - LIVI 9N LIVI 9N/M	LIVI 6/24N/F LIVI 6/24N/M	LIVI 6/24N/F-BOOST LIVI 6/24N/M-BOOST	LIVI 9/24N/F LIVI 9/24N/M
Motor power supply (V)	230V ~ ±10% (50/60 Hz)		24V ~		
Maximum power absorption (W)	320	450	80		110
Max thrust (N)	340	490	210	240	260
Duty cycle (cycles/h)*	18	11	22		18
N. max. cycles in 24h*	60	40	60		40
Built-in capacitor (µF)	8	12,5	\		
Operating temperature (°C)	-20 ÷ 50				
Motor thermal protection (°C)	140	160	\		
Speed (m/min)	10		16		10
Standard pinion	Z16	Z16	Z16	Z16	Z16
Weight with packing (Kg)	11	12,5	12		
Sound pressure (dBA)	< 70				
Protection level	IPX4 (IP44 for versions with magnetic limit switches)				

* For a 5m leaf length

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



KIT

1  **COD. 614700**
Art. LIVI 6N
Automation for residential sliding gates

2  **COD. 619000**
Art. 111
Nylon rack, with fixing screws (1m)

KIT

3  **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photoeye for outdoor installation. Maximum range 20m

4  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for photoeyes (2 pcs)

5  **COD. 171035**
Art. C-20
Mechanical edge L=2m

6  **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

7  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24AC-DC /120AC/230AC, with integrated antenna 433MHz/868MHz

KIT

COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 619000
Art. 111
Nylon rack, with fixing screws (1m)



COD. 126001
Art. 112
Galvanized steel rack 22x22mm (1m)



COD. 126000
Art. 113
Galvanized steel rack 30x12mm with zinc-plated spacers and fixing screws (1m)



COD. 619042
Art. 450N
Unlocking device by cable for LIVI/N (4,5m). To be used with BLINDOS



COD. 619013
Art. 460N V2
Additional foundation plate for LIVI/N



COD. 672920
Art. D-BAND KIT
Wireless transmitter and receiver kit in 868 MHz, for resistive or mechanical safety edges



COD. 171034
Art. C-16
Mechanical edge L=1.6m



COD. 171035
Art. C-20
Mechanical edge L=2m



COD. 171039
Art. CR-20
Resistive edge L=2m



COD. 171040
Art. CR-25
Resistive edge L=2,5m



COD. 171044
Art. CC-20
Conductive edge L=2m



COD. 667053
Art. SOFT3
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)



COD. 629292
Art. BAT/LIVI/N SUPPORT
Fixing plate for LIVI/N batteries with screws



COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.



COD. 629291
Art. BAT/LIVI 3-6-9/24
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate



REV

Automation for collective sliding gates

up to 1400 Kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

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Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



REV



Additional fan ventilation (230V versions), with magnetic encoder

Control board positioned in a lifted position at the front. Always accessible and perfect for small or narrow spaces



Models available with magnetic limit switches



The reversible models of this operator allow the manual movement of the gate without having to unlock the motor and satisfy some safety measures typical of installations in public contexts.

The DE@NET universal control board makes this operator compatible with NETLINK System.



Compatible with IRONBOX and IRONBOX/XS vandal-proof box for installations in challenging or industrial environments



Compatible with NETCOM, the device for installation maintenance and remote control management!



NETCOM



230V ~ operators with control board, limit switches and encoder



COD.	Art.					OTHER CHARACTERISTICS
616000	REV220	1400 kg*		NET230N	✓	<ul style="list-style-type: none"> • Self-locking with limit switches • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
616003	REV220/M	1400 kg*		NET230N	✓	<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
616001	REV220/RF	1400 kg*		NET230N	✓	<ul style="list-style-type: none"> • Not self-locking with brake in opening and closing • Limit switches • Oil bath • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
616004	REV220/RFM	1400 kg*		NET230N	✓	<ul style="list-style-type: none"> • Not self-locking with brake in opening and closing • Magnetic limit switches • Oil bath • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection

All models have (IB version excluded): control board and fixing plate to be cemented included

* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

24V = operators with control board and limit switches



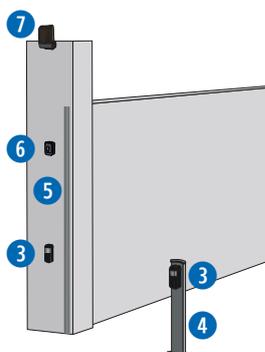
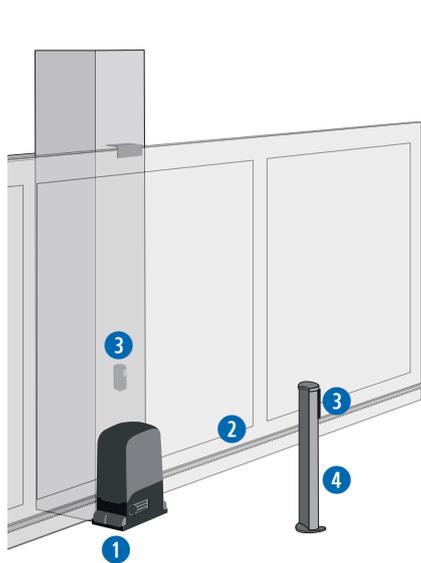
COD.	Art.				OTHER CHARACTERISTICS
616011	REV24/F	1400 kg*		NET24N	<ul style="list-style-type: none"> • Self-locking with limit switches • Speed adjustment and slow down in opening and closing
616012	REV24/M	1400 kg*		NET24N	<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches • Speed adjustment and slow down in opening and closing

All models have (IB version excluded): control board and fixing plate to be cemented included

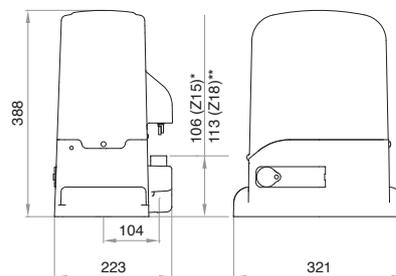
* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

TECHNICAL INFO	REV220 - REV220/M REV220/IB	REV220/RF - REV220/RFM REV220/RF/IB	REV24/F - REV24/M REV24/IB
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =
Maximum power absorption (W)	500		250
Max thrust (N)	900	1200	450
Duty cycle (cycles/hours) for an 8m leaf length	27 for gates up to 1000kg 22 for gates up to 1400kg		36 for gates up to 1000kg 31 for gates up to 1400kg
N. max. cycles in 24h. for an 8m leaf length	270 for gates up to 1000kg 220 for gates up to 1400kg	300 for gates up to 1000kg 250 for gates up to 1400kg	
Built-in capacitor (µF)	14	12,5	\
Operating temperature (°C)	-20 ÷ 50		
Motor thermal protection (°C)	150		\
Speed (m/min)	10		12
Standard pinion	Z18	Z15	Z18
Weight with packing (Kg)	18		
Sound pressure (dBA)	< 70		
Protection level	IPX4 (IP44 with magnetic limit switches)		

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



* art. REV220/RF - REV220RFM
**art. REV220 - REV220/M - REV24/F - REV24/M

1  **COD. 616000**
Art. REV220
Operator for collective sliding gates

2  **COD. 126000**
Art. 113
Galvanized steel rack
30x12mm with zinc-plated
spacers and fixing screws
(1m)

3  **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable
photocell for outdoor installation.
Maximum range 20m

4  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for
photocells (2 pcs)

5  **COD. 171035**
Art. C-20
Mechanical edge L=2m

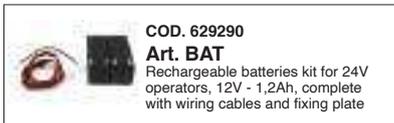
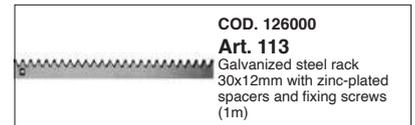
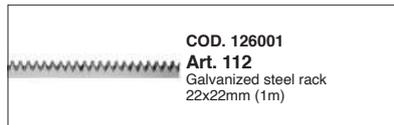
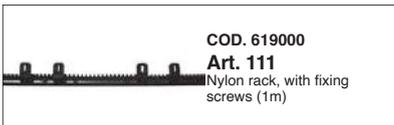
6  **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch
with two contacts, surface
mounted. Supplied with 2 keys.

7  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage
24V AC-DC/120V AC/230V AC, with
integrated antenna 433MHz/868MHz

 **COD. 672645**
Art. GTI4
Serialized white 4-channel remote
control, 433 MHz, with 3 coding
options: HCS Rolling-Code, Dip-Switch
and new D.A.R.T. coding.

 **COD. 668010**
Art. 127
Warning sign

SPECIFIC ACCESSORIES



* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%



GULLIVER

Automation for industrial sliding gates

up to 2500 Kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



GULLIVER



Motor with encoder technology and fan assisted ventilation, to guarantee intensive use



Metal mechanics and machined steel gears to ensure maximum performance and durability



Models available with magnetic limit switches

The model with the electromechanical braking device (art.25RRTF) protects the gearmotor in the event of braking or reversing on heavy gates



Removable control panel to facilitate the wiring of all accessories

The DE@NET universal control board makes this operator compatible with NETLINK System.



Compatible with IRONBOX and IRONBOX/XS vandal-proof box for installations in challenging or industrial environments



Compatible with NETCOM, the device for installation maintenance and remote control management



230V ~ operator with control board, limit switches and encoder



COD.	Art.					OTHER CHARACTERISTICS
613300	18NET	2100 kg		NET230N	✓	<ul style="list-style-type: none"> • Self-locking with electromechanical limit switches • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
613301	18NET/M	2100 kg		NET230N	✓	<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection

All models have (IB version excluded): control board and fixing plate to be cemented included

400V ~ three-phase operators with control board, limit switches and encoder

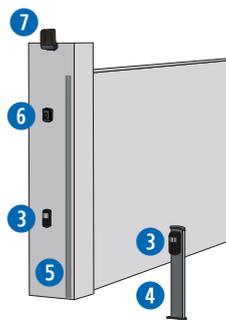
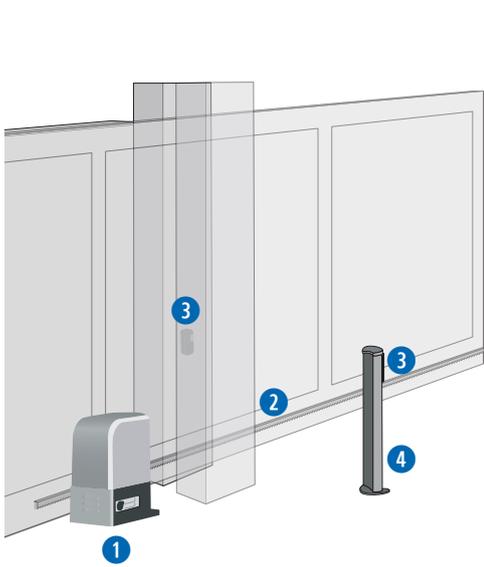


COD.	Art.					OTHER CHARACTERISTICS
613210	25RRT	2500 kg		400RR	✓	<ul style="list-style-type: none"> • ATTENTION: NOT COMPATIBLE WITH NETLINK • Self-locking with electromechanical limit switches • Anti-crushing safety device • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection • Anti-inertia braking device (version 25RRTF only)
613215	25RRTF	2500 kg		400RR	✓	<ul style="list-style-type: none"> • ATTENTION: NOT COMPATIBLE WITH NETLINK • Self-locking • Magnetic limit switches • Anti-crushing safety device • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
613221	25RRT/M	2500 kg		400RR	✓	<ul style="list-style-type: none"> • ATTENTION: NOT COMPATIBLE WITH NETLINK • Self-locking • Magnetic limit switches • Anti-crushing safety device • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection

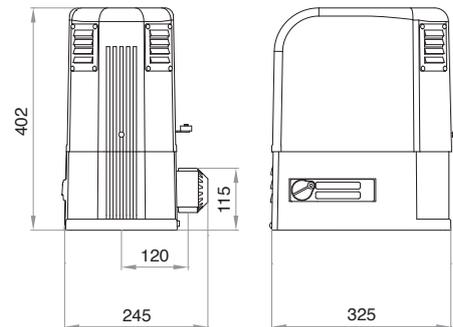
All models have (IB version excluded): control board and fixing plate to be cemented included

TECHNICAL INFO	18NET - 18NET/M - 18/IB	25RRT - 25RRTF - 25RRT/M - 25/IB
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	400V AC ~ ± 10 % (50/60 Hz)
Maximum power absorption (W)	560	1200
Max thrust (N)	1300	1650
Duty cycle (cycles/hours)	15 - for a 12 m leaf length	17 - for a 14m leaf length
N. max cycles in 24h	240	280
Built-in capacitor (µF)	30	/
Operating temperature (°C)	-20 ÷ 50	
Motor thermal protection (°C)	140	/
Speed (m/min)	10	
Standard pinion	Z18	Z18
Weight with packing (Kg)	30	
Sound pressure (dBA)	< 70	
Protection level	IPX4 (IP44 with magnetic limit switches)	

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



1  **COD. 613300**
Art. 18NET
Operator for industrial sliding gates

2  **COD. 126001**
Art. 112
Galvanized steel rack 22x22mm (1m)

3  **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

4  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

5  **COD. 171035**
Art. C-20
Mechanical edge L=2m

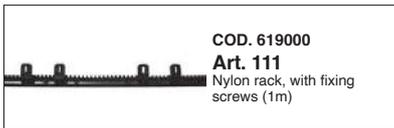
6  **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

7  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

 **COD. 672645**
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

 **COD. 668010**
Art. 127
Warning sign

SPECIFIC ACCESSORIES



COD. 619000
Art. 111
Nylon rack, with fixing screws (1m)



COD. 126008
Art. 116
Galvanized steel rack M6 (1m)



COD. 171035
Art. C-20
Mechanical edge L=2m



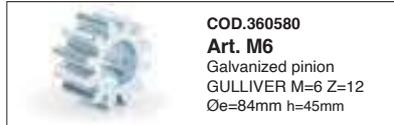
COD. 171040
Art. CR-25
Resistive edge L=2,5



COD. 360412
Art. Pignone Z18/1B
Galvanized pinion for IRONBOX M=4 Z=18 Ø=80mm h=60mm



COD. 126001
Art. 112
Galvanized steel rack 22x22mm (1m)



COD.360580
Art. M6
Galvanized pinion GULLIVER M=6 Z=12 Øe=84mm h=45mm



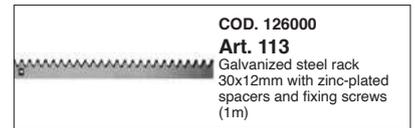
COD. 171039
Art. CR-20
Resistive edge L=2



COD. 171044
Art. CC-20
Conductive edge L=2m



COD. 430780
Art. CG KIT
Cable gland kit with nut 4x(M16)+3x(M12)



COD. 126000
Art. 113
Galvanized steel rack 30x12mm with zinc-plated spacers and fixing screws (1m)



COD. 672920
Art. D-BAND KIT
Wireless transmitter and receiver kit in 868 MHz, for resistive or mechanical safety edges



COD. 171034
Art. C-16
Mechanical edge L=1.6m



COD. 667053
Art. SOFT3
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)

IRONBOX



IRONBOX/XS



IRONBOX/XS

Painted steel vandal-proof box for REV and GULLIVER with magnetic limit switch (code 619070) and foundation plate

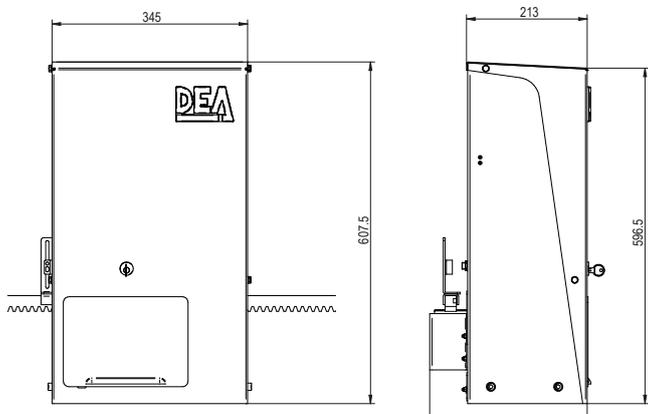
COD.	Art.	DIMENSIONS	kg
619100	IRONBOX/XS	345 x 607 x 213 mm	18kg

Colors: MICA gray P3-197 + RAL 9006



cod. 619100 IRONBOX/XS
(operator and control board not included)

Example of complete installation



Anti-vandal steel enclosure with personalized access key

Perfect dimensions to fit to small spaces

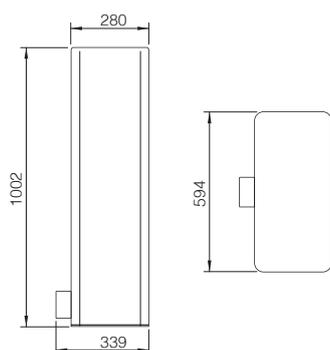


IRONBOX

RAL 9006 painted steel vandal-proof box for REV and GULLIVER with magnetic limit switch (code 619070) and foundation plate

COD.	Art.	DIMENSIONS	kg
619080	IRONBOX	594 x 1002 x 280 mm	44kg

To be installed with an optional safety rib art. 121N (cod. 171031)



Anti-vandal steel enclosure with personalized access key

Large internal fixing plate for accessories

REV - 230V ~ operators without control board and motor cover



COD.	Art.				OTHER CHARACTERISTICS
616005	REV220/IB	1400 kg		✓	<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches inside IRONBOX • Motor control by encoder and obstacle detection • Designed for IRONBOX
616006	REV220/RF/IB	1400 kg		✓	<ul style="list-style-type: none"> • Not self-locking, with brake • Magnetic limit switches inside IRONBOX • Oil bath • Motor control by encoder and obstacle detection • Designed for IRONBOX

Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

REV - 24V ~ operators without control board and motor cover



COD.	Art.			OTHER CHARACTERISTICS
616013	REV24/IB	1400 kg		<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches inside IRONBOX • Designed for IRONBOX

Control board to complete the installation: control board cod. 678263 art. NET24N/C250 (with box) with 250VA transformer

GULLIVER - 230V ~ operators without control board and motor cover



COD.	Art.				OTHER CHARACTERISTICS
613302	18/IB	2100 kg		✓	<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches inside IRONBOX • Motor control by encoder and obstacle detection • Designed for IRONBOX

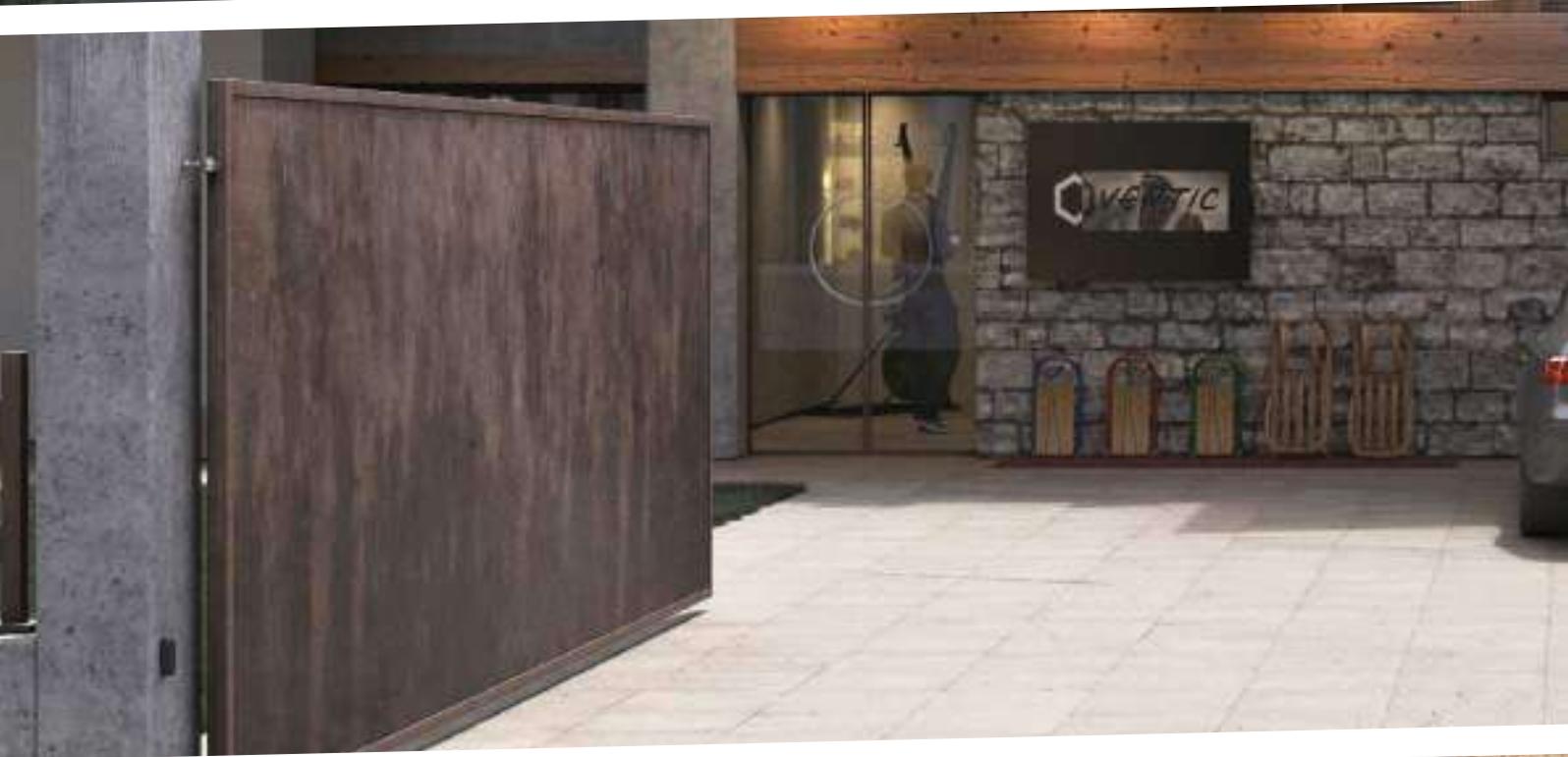
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

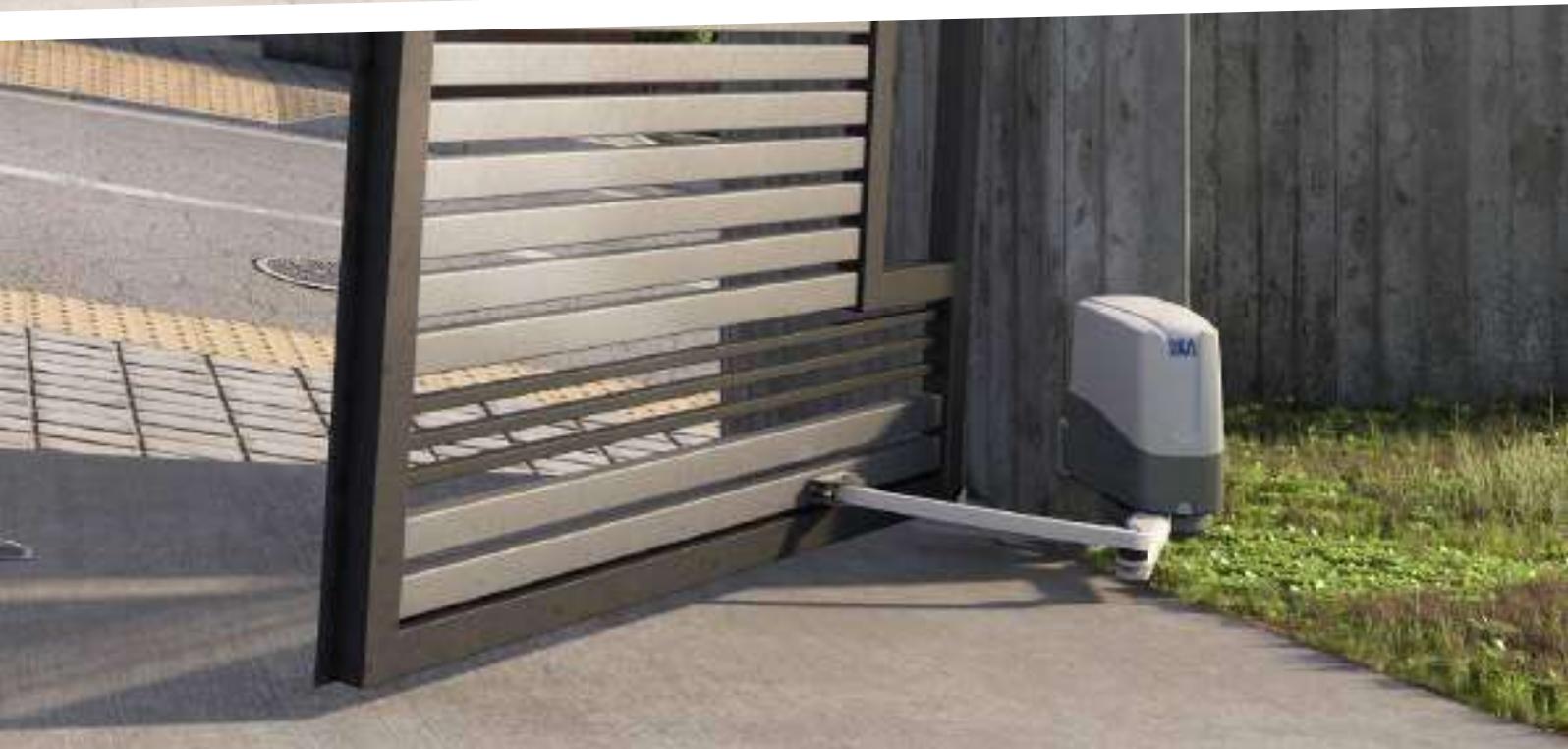
GULLIVER - 400V ~ operators without control board and motor cover



COD.	Art.				OTHER CHARACTERISTICS
613219	25/IB	2500 kg		✓	<ul style="list-style-type: none"> • Self-locking • Magnetic limit switches inside IRONBOX • Motor control by encoder and obstacle detection • Designed for IRONBOX

Control board to complete the installation: control board cod. 677140 art. 400RR/C (with box)





SWING GATES



Choose the automation for your swing gate

NEW



MAC

- Up to 3m - 400kg
- 230V / 24V
- For residential and semi-intensive use



LIVI 502

- Up to 4,5m - 400kg
- 230V / 24V
- Residential and semi-intensive use
- Available versions with articulated or sliding arm

NEW



STING

- Up to 3m - 400kg
- 230V / 24V
- For residential and semi-intensive use
- Available versions with encoder
- Available in fast version, BOOST models (90° ~ 9s)

NEW



ANGOLO

- up to 2,3m - 200kg
- 24V
- Residential use
- Available versions with articulated or sliding arm



NEW



LOOK

- Up to 5m - 280Kg
- 230V / 24V
- Residential and semi-intensive use
- Available versions with encoder and limit switches



GHOST 100

- Up to 3,5m - 400kg
- 230V / 24V
- Residential and semi-intensive use
- Available versions with encoder
- Compatible with other foundation boxes of other brands

OLI/N

- Up to 4,5m - 500kg
- 230V
- Intensive use
- Not self-locking version available or with blocks in opening-closing



GHOST 200

- Up to 4m - 400kg
- 230V / 24V
- Semi-intensive and intensive use



GEKO

- Up to 2,5m - 250kg
- 24V
- Residential use
- Available versions with articulated or sliding arm



SELECTION GUIDE

Choose the maximum length of your gate



Linear rams

2m	200 kg	100°	24V	●			LOOK/E		NEW
		110°	24V	●		art. MAC/FM	MAC/E		NEW
3m	200 kg	110°	24V	●●		art. MAC/FM	STING/BOOST		NEW
		110°	230V	●	✓ (STING/EN)	art. MAC/FM	MAC - STING		NEW
	400 kg	110°	24V	●●		art. MAC/FM	MAC - STING		NEW
		100°	230V	●●	✓		LOOK		NEW
		100°	24V	●●		✓	LOOK		NEW
	550 kg	90°	230V	●●●			OLI/N		
3,5m	300 kg	110°	24V	●●●		art. MAC/FM	STING/24/R		NEW
4,5m	500 kg	110°	230V	●●●			OLI/N		
5m	280 kg	120°	230V	●●	✓		LOOK		NEW
		120°	24V	●●		✓	LOOK		

Operator with articulated arm

2,5m	250 kg	120°	24V	●	✓	✓	GEKO	
2,3m	200 kg	120°	24V	●			ANGOLO	
3m	300 kg	135°	24V	●●		art.560F	LIVI502	
4,5m	400 kg	135°	230V	●	✓	art.560F	LIVI502	

Underground operators

3,5m	400 kg	107° (+ art.116G/N = 180°)	230V	●	✓	✓	GHOST100	
		107° (+ art.116G/N = 180°)	24V	●●		✓	GHOST100	
4m	400 kg	107° (+ art.216 = 180°)	230V	●●		art. 218	GHOST200	
		107° (+ art.216 = 180°)	24V	●●●		art. 218	GHOST200	



MAC

Electromechanical automation for swing gates

up to 3 m - 400 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



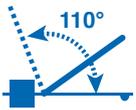
MAC



New design

Get rid of ground stops by using the mechanical stops (optionals)

Standard fixing plates are included. If you need more versatility in the installation, you can use the optional adjustable fixing plates (art. MLS / SFR).



Door opening up to 110°

The sturdiness of this operator is guaranteed by the monobloc body



The robust mechanical gears and cogs guarantees reliability and durability over time



The DE@NET universal control board makes this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation maintenance and remote control management!



NEW

230V ~ operators without control board



COD.	Art.			OTHER CHARACTERISTICS
625010	MAC		395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length

All models have: fixing plate to be welded included
 Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

24V = operators without control board



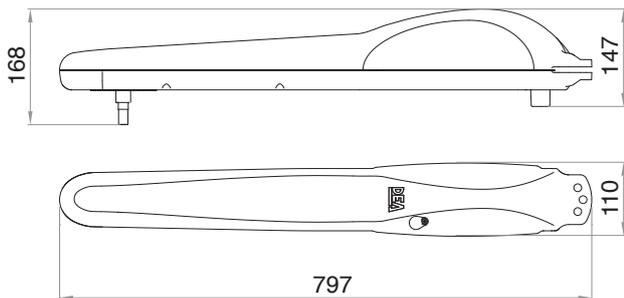
COD.	Art.			OTHER CHARACTERISTICS
625040	MAC/24		395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length
625043	MAC/24/E			• For leaves up to 2m length

All models have: fixing plate to be welded included
 Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)

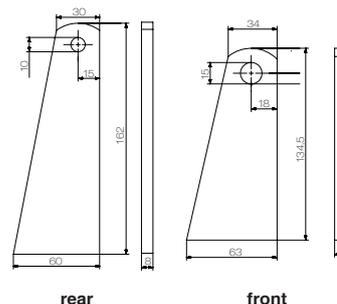
TECHNICAL INFO	MAC	MAC24
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	24V =
Maximum power absorption (W)	300	60
Max thrust (N)	1650	1000
Time with total stroke (s)	21	22
90° Opening time (s)*	16	
Duty cycle (cycles/hours)	18	40
N. max cycles in 24h	90	
Built-in capacitor (µF)	8	/
Operating temperature (°C)	-20 ÷ 50	
Motor thermal protection (°C)	150	/
Weight with packing (Kg)	8,8	
Sound pressure (dBA)	< 70	
Protection level	IPX4	

*the opening time of the leaf at 90° may be different according to the characteristics of the installation

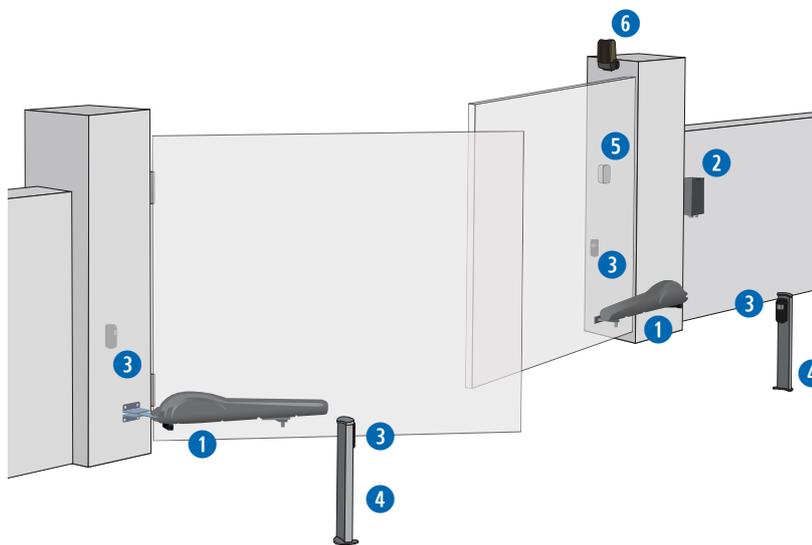
DIMENSIONS



FIXING PLATES



EXAMPLE OF A TYPICAL INSTALLATION



KIT

1  **COD. 625010**
Art. MAC
Electromechanical automation for swing gates

KIT

2  **COD. 677610**
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

KIT

3  **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

4  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

5  **COD. 629300**
Art. MAC/FM
Mechanical stops for MAC/STING (2 pcs) - for 1 operator

5  **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

6  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT

COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

COD. 668010
Art. 127
Warning sign

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 629300
Art. MAC/FM
 Mechanical stops for MAC/STING (2 pcs) - for 1 operator



COD. 629320
Art. MAC-LOOK/P
 Extension for MAC/STING and LOOK rams



COD. 629312
Art. MLS/SFR
 Adjustable fixing plates to be screwed



COD. 629250
Art. COL 515
 Anti-fall stainless steel cable with 2 holes for swing gates

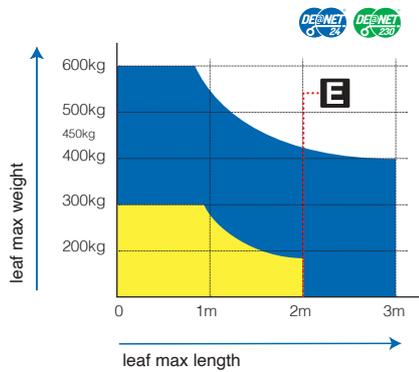


COD. 629381
Art. SB
 Back overhead door fixing plate for LOOK, MAC, STING



COD. 629290
Art. BAT
 Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

GUIDE TO USE



■ = MAC - MAC/24
 ■ = MAC/24/E

If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.



STING

Electromechanical automation for swing gates

up to 3 m - 400 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178

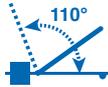


Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



STING



Door opening up to 110°.

Robust and reliable operator, in an enclosed body



Quick unlocking with customised metal key



Get rid of ground stops by using the mechanical stops (optional)

New colour

Reversible version art. STING/24/R



No risk of the gate operation stopping in a power outage thanks to the backup batteries (optional, art. BAT, code 629290) that can be installed on 24V models



The DE@NET external universal control board makes this operator compatible with NETLINK System.



NETCOM

Compatible with NETCOM, the device for installation, maintenance and remote management, from your office!



Greater installation versatility thanks to the adjustable fixing plates excluded (art. MLS/SFR)



STING		16"
STING/BOOST	Opening time about 90°	9"
STING/24/R		12"

Note: the opening time may increase depending on the characteristics of the installation

Fast maneuvering with STING/BOOST: the new 24V model of the STING range with a minimum opening time of 90° in 9 seconds. Available in kit.



230V ~ operators without control board



COD.	Art.				OTHER CHARACTERISTICS
625050	STING	●	395mm without MAC/FM 334mm with MAC/FM		• For leaves up to 3m length
625052	STING/EN	●	395mm without MAC/FM 334mm with MAC/FM	✓	• With encoder, for leaves up to 3m
NEW 625058	STING/EN-BLACK	●	395mm without MAC/FM 334mm with MAC/FM		• For leaves up to 3m length

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR)
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

24V = operators without control board



COD.	Art.			OTHER CHARACTERISTICS
625051	STING/24	●●	395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length
625059	STING/24-BLACK	●●	395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length
625056	STING/24-BOOST (37 mm/s)	●●	395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length
NEW 625060	STING/24/R *	●●●	395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3,5m length / 300kg • Reversible

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR)
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)
* Supplied with: adjustable brackets, 1pc Omron socket and 1pc monostable relay

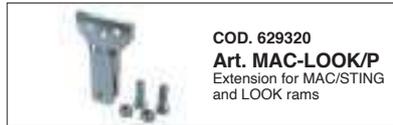
TECHNICAL INFO	STING	STING/EN	STING/24	STING/24-BOOST	STING/24/R
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =		24V =
Maximum power absorption (W)	300		60	85	60
Max thrust (N)	1650		1000	1000	1000
Time with total stroke (s)	21		22	9	34
90° Opening time (s)*	16			9	11,6
Duty cycle (cycles/hours)	18	22	40		
N. max cycles in 24h.	90				300
Built-in capacitor (µF)	8		/		/
Operating temperature (°C)	(-20°) - (50°)				
Motor thermal protection (°C)	150		/		/
Weight with packing (Kg)			8,8		
Sound pressure (dBA)			< 70		
Protection rating			IPX4		

*the opening time of the leaf at 90° may be different according to the characteristics of the installation

SPECIFIC ACCESSORIES



COD. 629300
Art. MAC/FM
Mechanical stops for MAC/
STING (2 pcs) - for 1
operator



COD. 629320
Art. MAC-LOOK/P
Extension for MAC/STING
and LOOK rams



COD. 629312
Art. MLS/SFR
Adjustable fixing plates to
be screwed



COD. 629250
Art. COL 515
Anti-fall stainless steel
cable with 2 holes for
swing gates

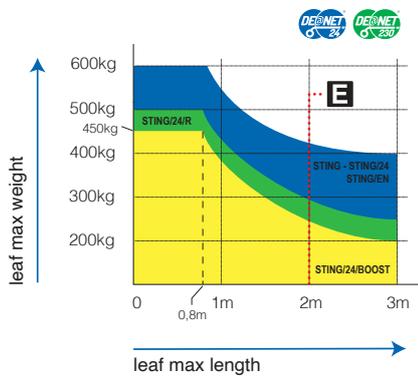


COD. 629381
Art. SB
Back overhead door fixing
plate for LOOK, MAC,
STING



COD. 629290
Art. BAT
Rechargeable batteries kit for 24V
operators, 12V - 1,2Ah, complete
with wiring cables and fixing plate

GUIDE TO USE



- = STING - STING/24 - STING/EN
- = STING/24/R
- = STING/24-BOOST

If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.



LOOK

Electromechanical automation for swing gates

up to 5 m - 280 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



LOOK



Unlocking device with plastic key in case of power failure

The version with encoder guarantees high performance and safety in movement



Door opening up to 110°

Stainless steel telescopic piston that guarantees high resistance against corrosion

New design



Greater installation versatility thanks to the standard adjustable fixing plates (art. MLS / SFR).



2 lengths available:
• with 320mm shaft for gates up to 3m long
• with 520mm stem for gates up to 5m in length



Optional rod cover to protect the telescopic rod and give a more linear aesthetic

The DE@NET external universal control board makes this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation maintenance and remote control management!



NEW



LOOK

230V ~ operators without control board and rod cover



COD.	Art.				OTHER CHARACTERISTICS
627000	351/SC		320mm		• For leaves up to 3m length
627012	351EN/SC		320mm	✓	• With encoder, for leaves up to 3m length
627053	355/SC		520mm		• For leaves up to 5m length
627052	355EN/SC		520mm	✓	With encoder, for leaves up to 5m length

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR), rod cover not included
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

24V = operators without control board and rod cover



COD.	Art.				OTHER CHARACTERISTICS
627092	371E/SC		320mm		• For leaves up to 1,8m length
627090	371/SC		320mm		• For leaves up to 3m length
627111	372/SC		320mm	✓	• With limit switches, for leaves up to 3m length
627123	373/SC		520mm		• For leaves up to 5m length
627131	374/SC		520mm	✓	• With limit switches, for leaves up to 5m length

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR), rod cover not included
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)

Rod cover



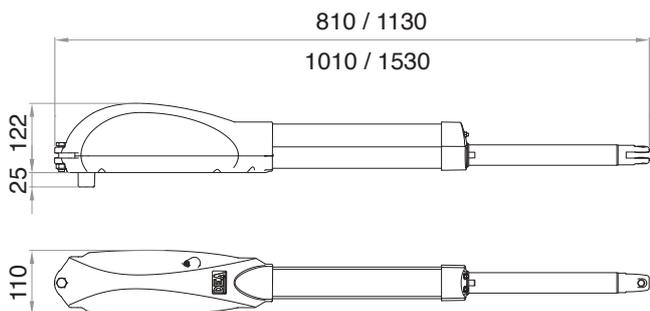
COD.	Art.		OTHER CHARACTERISTICS
629340	CS320	320mm	• Rod cover for ram: 320 mm stroke
629341	CS520	520mm	• Rod cover for ram: 520 mm stroke

TECHNICAL INFO	351/SC - 351EN/SC	355/SC - 355EN/SC	371/SC - 372/SC	373/SC - 374/SC	371E/SC
Motor power supply (V)	230V - ± 10 % (50/60 Hz)		24V =		
Maximum power absorption (W)	300		60		50
Max thrust (N)	1650		1000		500
Time with total stroke (s)	20	33	21	34	21,5
90° Opening time (s)*	16	12,5	15		
Duty cycle (cycles/hours)	22 - 25 (vers. 351EN)		40		10
N. max cycles in 24h.			110		50
Built-in capacitor (µF)	8		/		
Operating temperature (°C)			-20 ÷ 50		
Motor thermal protection (°C)	150		/		
Weight with packing (Kg)	9	9,5	9		
Sound pressure (dBA)			< 70		
Protection level			IP24		

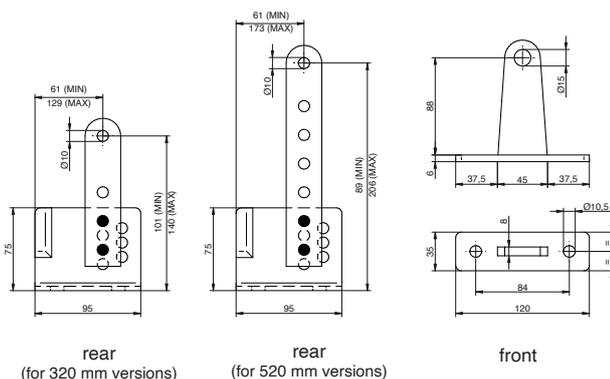
*the opening time of the leaf at 90° may be lower accordingly to the geometry of the installation

LOOK

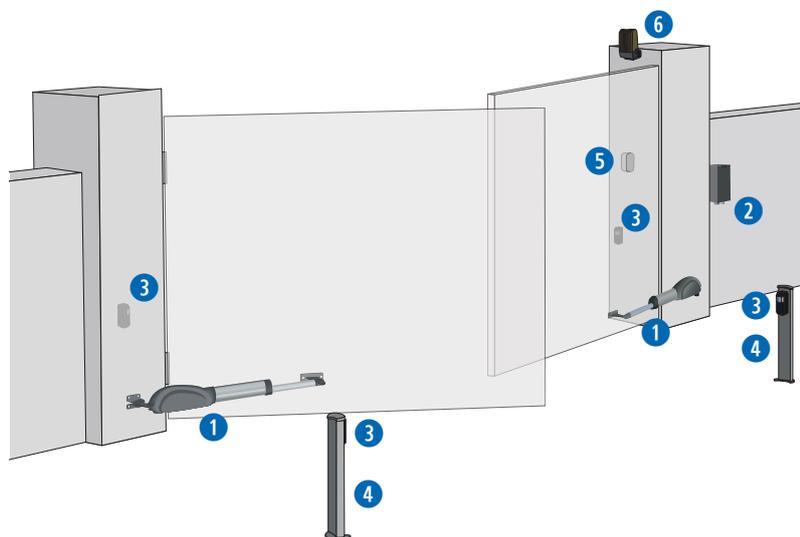
DIMENSIONS



FIXING PLATES



EXAMPLE OF A TYPICAL INSTALLATION



KIT

1  **COD. 627012**
Art. 351EN/SC
 Electromechanical automation for swing gates

KIT

2  **COD. 677610**
Art. NET230N/C
 Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

KIT

3  **COD. 662080**
Art. LINEAR/XS
 Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

4  **COD. 664000**
Art. PILLY/60
 Pair of 55cm column for photocells (2 pcs)

5  **COD. 663090**
Art. GT-KEY
 Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

6  **COD. 661130**
Art. AURA N
 LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

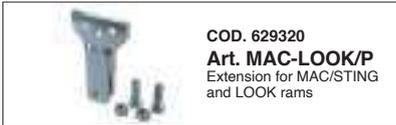
KIT

 **COD. 672645**
Art. GTI4
 Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

 **COD. 668010**
Art. 127
 Warning sign

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 629320
Art. MAC-LOOK/P
Extension for MAC/STING and LOOK rams



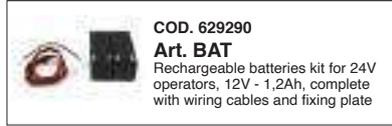
COD. 629250
Art. COL 515
Anti-fall stainless steel cable with 2 holes for swing gates



COD. 629381
Art. SB
Back overhead door fixing plate for LOOK, MAC, STING



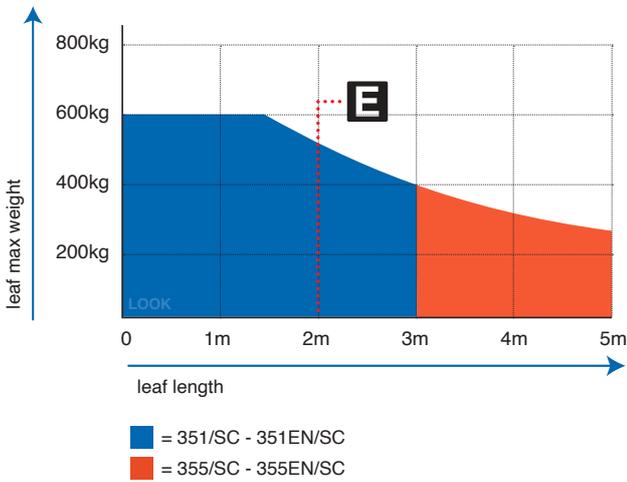
COD. 629312
Art. MLS/SFR
Adjustable fixing plates to be screwed



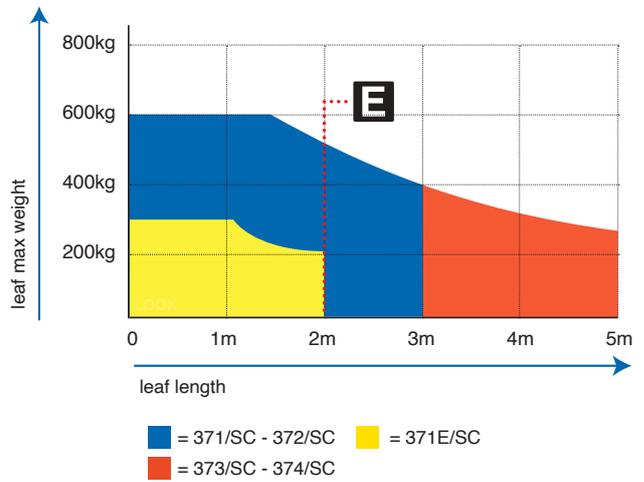
COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

GUIDE TO USE

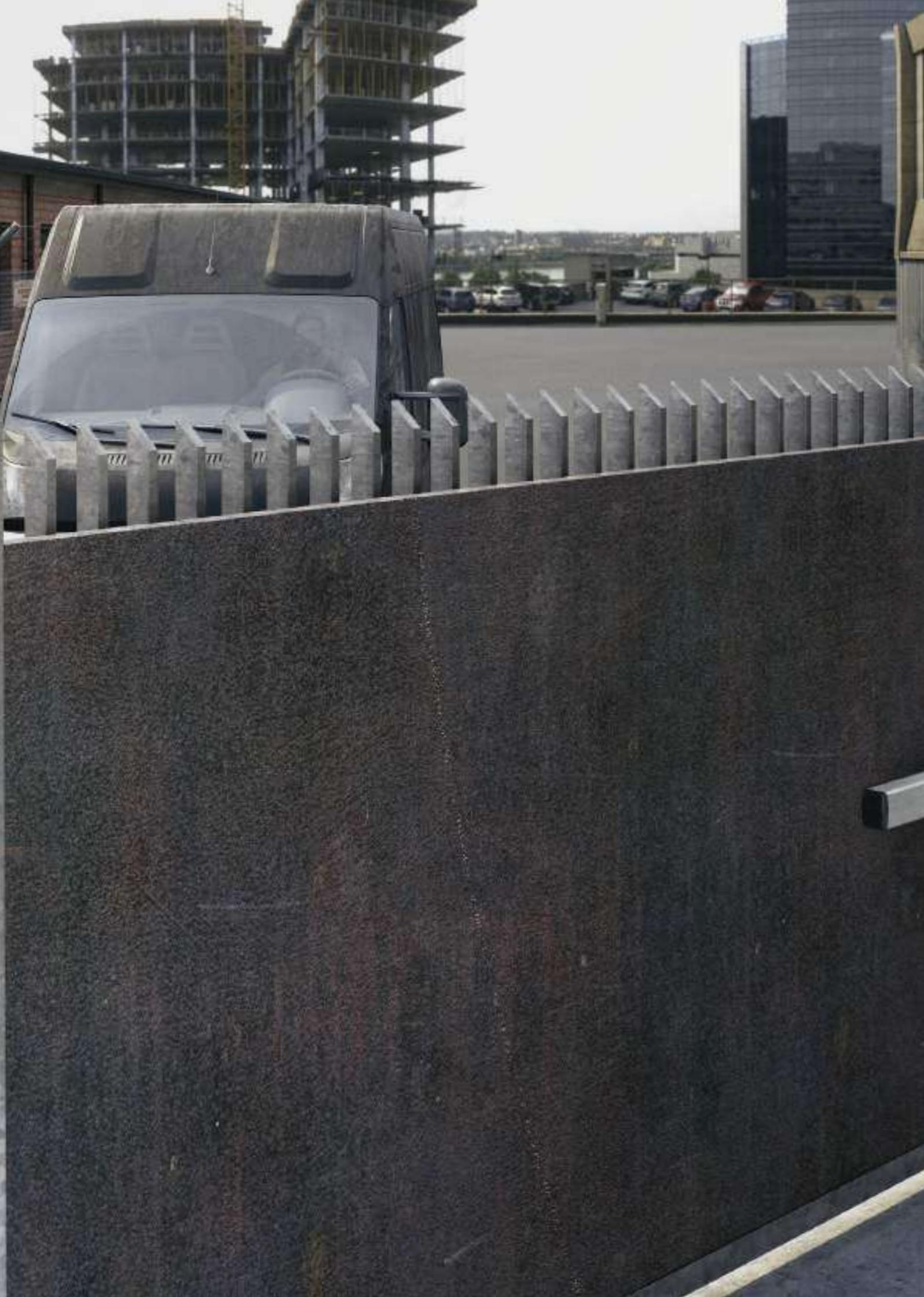
GUIDE TO USE



GUIDE TO USE



If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.



OLIN

Hydraulic automation for swing gates

up to 4,5 m - 500 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



OLI/N



Wide range of models with:

- locking in opening and/or closing
- reversible or slow models for any kind of installation need

Quick release with customised metal key, protected from the weather.

Fixing plates to be welded as standard. Greater installation versatility thanks to the optional adjustable fixing plates (art. OLI/SFR).



Available in short version (useful stroke 270mm) or long version (useful stroke 400mm)

The DE@NET external universal control board makes this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation maintenance and remote control management!



Hydraulic rams 230V ~ without control board



Stroke 270mm

COD.	Art.				OTHER CHARACTERISTICS
624005	OLI 602AN	● ● ● ●	A	270mm	• Self-locking in open position only, for leaves up to 2m length
624055	OLI 602LAN	● ● ● ●	A	270mm	• Self-locking in open position only, slow version, for leaves up to 2,5m length
624004	OLI 602N	● ● ● ●	C	270mm	• Self-locking in close position only, for leaves up to 2m length
624054	OLI 602LN	● ● ● ●	C	270mm	• Self-locking in close position only, slow version, for leaves up to 2,5m length
624013	OLI 603N	● ● ● ●		270mm	• Self-locking in open and close position, for leaves up to 2m length
624063	OLI 603LN	● ● ● ●		270mm	• Self-locking in open and close position, slow version, for leaves up to 2,5m length
624023	OLI 604N	● ● ● ●	✓	270mm	• Not self-locking, for leaves up to 2,5m length
624073	OLI 604LN	● ● ● ●	✓	270mm	• Not self-locking, slow version, for leaves up to 3m length

All models: fixing plates to be welded included (art.0/353-0/653)

Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

All models: in order to respect the limit of impact forces foreseen by EN 12453-1, you must use the external safety devices in compliance with EN 12978.

Stroke 400mm

COD.	Art.				OTHER CHARACTERISTICS
624033	OLI 605N	● ● ● ●		400mm	• Self-locking in open and closed position, for leaves up to 2,5m length
624083	OLI 605LN	● ● ● ●		400mm	• Self-locking in open and closed position, slow version, for leaves up to 3m length
624043	OLI 606N	● ● ● ●	✓	400mm	• Not self-locking, for leaves up to 3,5m length
624093	OLI 606LN	● ● ● ●	✓	400mm	• Not self-locking, slow version, for leaves up to 4,5m length
624104	OLI 607AN	● ● ● ●	A	400mm	• Self-locking in open position, for leaves up to 3m length
624114	OLI 607LAN	● ● ● ●	A	400mm	• Self-locking in open position, slow version, for leaves up to 3,5m length

All models: fixing plates to be welded included (art.0/353-0/653)

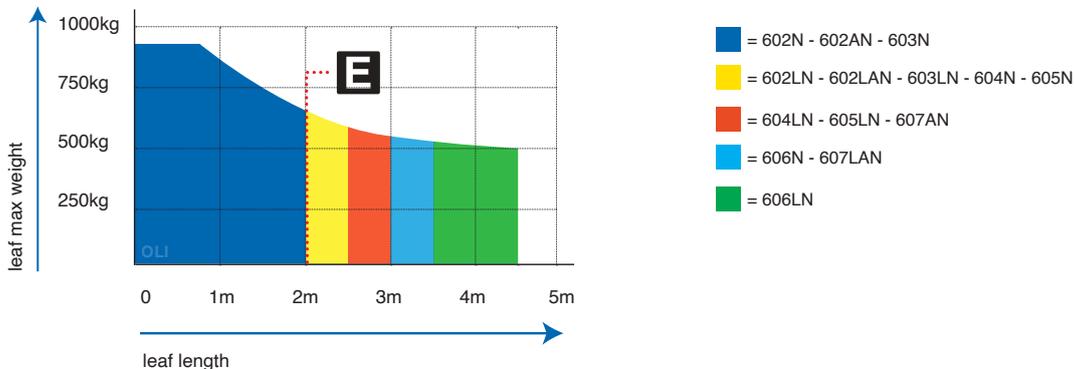
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

All models: in order to respect the limit of impact forces foreseen by EN 12453-1, you must use the external safety devices in compliance with EN 12978.

TECHNICAL INFO	OLI 602N - OLI 602AN - OLI 603N - OLI 604N	OLI 605N - OLI 606N - OLI 607AN	OLI 602LN - OLI 602LAN - OLI 603LN - OLI 604LN	OLI 605LN - OLI 606LN - OLI 607LAN
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)			
Maximum power absorption (W)	170			
Max thrust (N)	3980		5600	
Max traction force (N)	3200		4460	
Duty cycle (cycles/hours)	60		50	40
N. max cycles in 24h.	480		400	320
Built-in capacitor (µF)	8			
Operating temperature (°C)	-20 ÷ 50			
Motor thermal protection (°C)	130			
90° Opening time (s)	21	31	30	40
Weight with packing (Kg)	11,4	13	11,4	13
Sound pressure (dBA)	< 70			
Protection level	IP55			

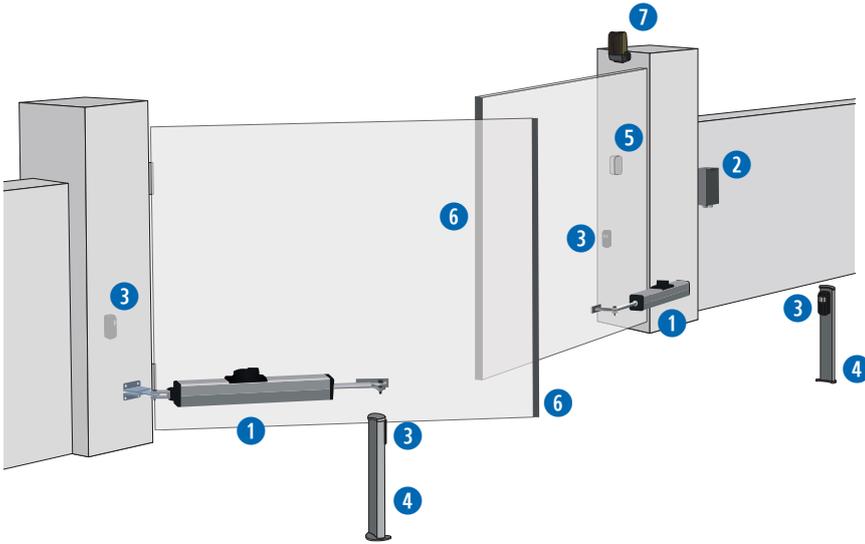
Used Oil: AGIP Arnica A15

GUIDE TO USE

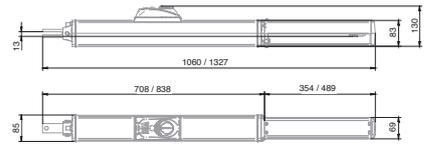


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.

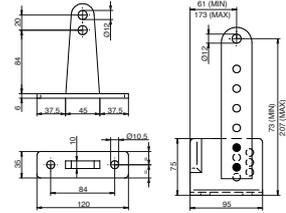
EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



FIXING PLATES



front

rear

1  **COD. 624004**
Art. 602N
Hydraulic automation for swing gates

2  **COD. 677610**
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

3  **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

4  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

5  **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

6  **COD. 171039**
Art. CR-20
Resistive edge L=2

7  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

 **COD. 672645**
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

 **COD. 668010**
Art. 127
Warning sign

SPECIFIC ACCESSORIES

 **COD. 629071**
Art. OLI/SFR
Adjustable fixing plates to be screwed

 **COD. 629250**
Art. COL 515
Anti-fall stainless steel cable with 2 holes for swing gates

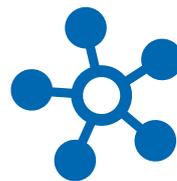
NEW  **COD. 629400**
Art. KIT ADA/FKS
OLI/N adapter kit for systems with 960mm brackets centre distance and 270mm operator stroke



GEKO

Electromechanical automation for swing gates

up to 2,5 m - 250 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



GEKO



All our products are made with high quality materials, such as steel and bronze, which guarantee reliability over time.



Compatible with external cable release (art. GEKO/SF and art. BLINDOS - optional), to always have safe access from outside the property

Door opening up to 120°



Kit Climb to allow you to install on a slope with a gradient up to 12% (optional)



Compatible with NETCOM, the device for installation maintenance and remote control management



The integrated control board DE@NET makes this operator compatible with the NETLINK system.



Sled arm (optional) that allows you to avoid lateral obstructions

Built-in mechanical stops as standard to eliminate the need for floor stops



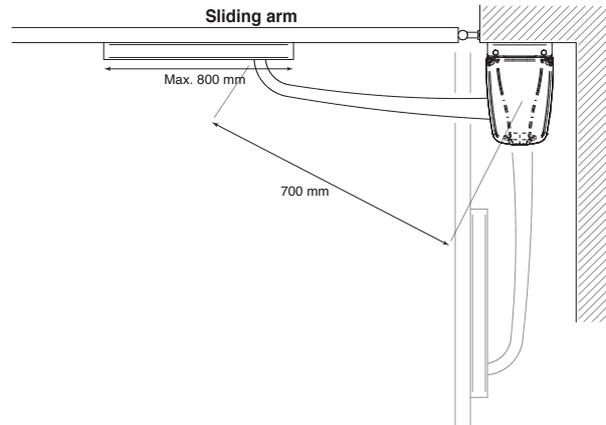
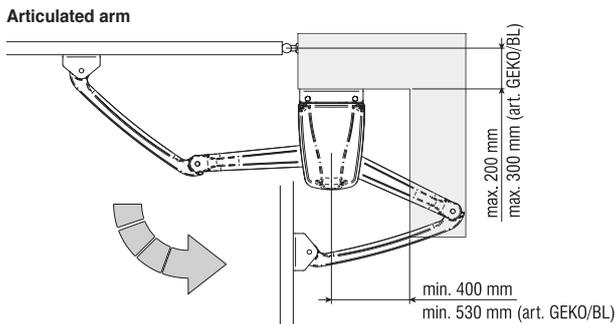
24V ~ operators with control board and encoder, without arm



COD.	Art.				OTHER CHARACTERISTICS
628000	GEKO		✓	NET24N	<ul style="list-style-type: none"> • 1 operator • Mechanical stops • Speed adjustment and slow down in opening and closing
628020	GEKO/S		✓		<ul style="list-style-type: none"> • 1 operator without control board • Mechanical stops • Speed adjustment and slow down in opening and closing
628010	GEKO/2		✓	NET24N	<ul style="list-style-type: none"> • 2 operators / 1 control board • Mechanical stops • Speed adjustment and slow down in opening and closing

All models have: arm not included. N.1 control board NET24N, mounting plate and limit switches included.

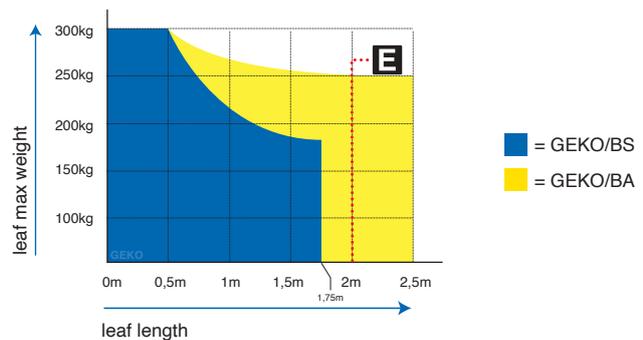
DIMENSIONS WITH ARMS



Refer to instructions manual for installation dimensions

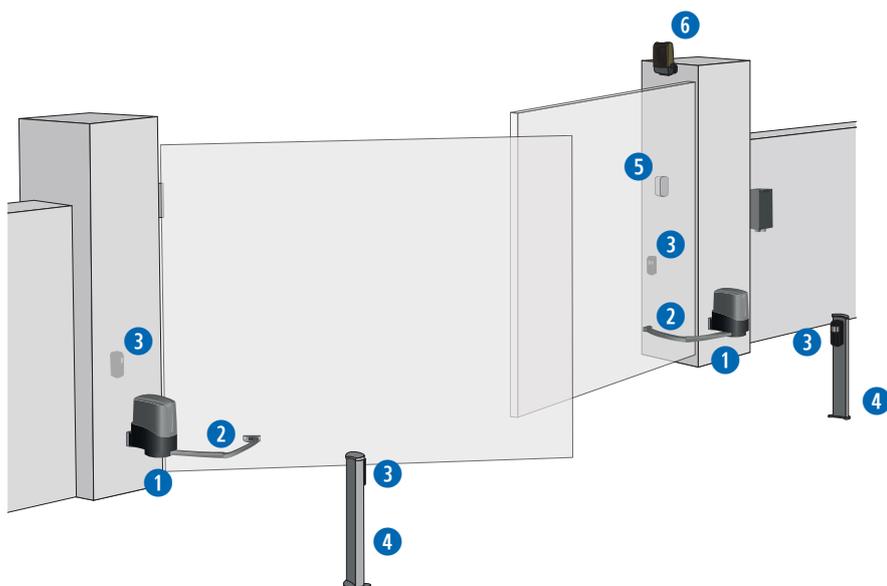
GUIDE TO USE

TECHNICAL INFO	GEKO
Motor power supply (V)	24V ~
Maximum power absorption (W)	80
Max torque (Nm)	180
Duty cycle (cycles/hours)	20
N. max cycles in 24h.	60
Operating temperature (°C)	-20 ÷ 50
90° Opening time (s)	16
Weight with packing (Kg)	12
Sound pressure (dBA)	< 70
Protection level	IP44

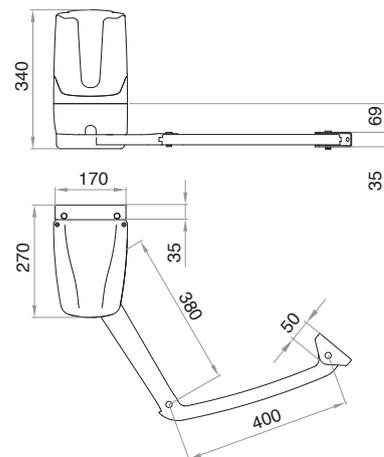


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS (with arm art. GEKO/BA)



KIT

1 COD. 628010
Art. GEKO/2
Electromechanical automation for swing gates

KIT

1 COD. 678251
Art. NET24N
Universal digital control board for 1 or 2 operators, 24V, with or without magnetic encoder

KIT

2 COD. 629260
Art. GEKO/BA
Aluminium articulated arm

KIT

3 COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

KIT

4 COD. 664000
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

KIT

5 COD. 663090
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

6 COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT

COD. 672645
Art. GT14
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

COD. 668010
Art. 127
Warning sign

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES

COD. 629260
Art. GEKO/BA
Aluminium articulated arm

COD. 629263
Art. GEKO/BLA
Long arm for GEKO, aluminium

COD. 629262
Art. GEKO/BL
Long arm for GEKO, painted galvanized steel

COD. 629261
Art. GEKO/BS
Roll sliding arm, painted galvanized steel

COD. 629350
Art. KIT CLIMB
Adapter set for doors on slopes (for doors up to 2m - 150 kg; max gradient 12%)

COD. 629280
Art. GEKO/SF
External unlocking device by cable (4,5m). To be used with BLINDOS

COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.

COD. 629250
Art. COL 515
Anti-fall stainless steel cable with 2 holes for swing gates

COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

KIT CLIMB

cod. 629350

Adapter set for doors on slopes.
For doors up to 2m - 150 kg; max gradient 12%





LIVI 502

Electromechanical automation
for swing gates

up to 4,5 m - 400 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



LIVI 502



Compatible with external cable release (art.560M and art. BLINDOS - optional), to always have safe access from outside the property



Quick release with customised metal key, protected from the weather.

You can mount the operator also in a perpendicular way compared to the door, with vertical mounting plate (art. 560P)



Door opening up to 135°.



Sliding rail (optional) to avoid lateral obstructions

The DE@NET universal control board make this operator compatible with NETLINK System.



NETCOM

Compatible with NETCOM, the device for installation maintenance and remote control management!



230V ~ operators without control board and arm



COD.	Art.			OTHER CHARACTERISTICS
623120	502	●		• For leaves up to 3m length
623140	502L	●		• Slow version, for leaves up to 4,5m length
623121	502EN	●	✓	• With encoder, for leaves up to 4,5m length

All models have: arm not included. Horizontal mounting plates included.

Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

24V = operators without control board and arm



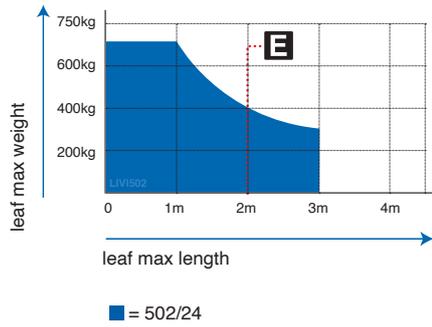
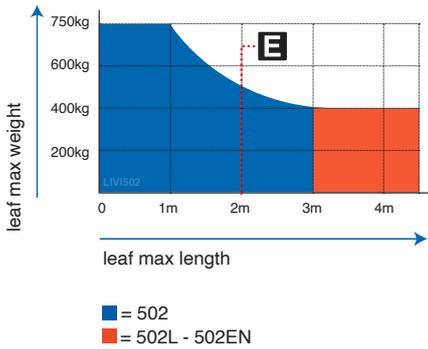
COD.	Art.			OTHER CHARACTERISTICS
623180	502/24	●●		• For leaves up to 3m length

All models have: arm not included. Horizontal mounting plates included.

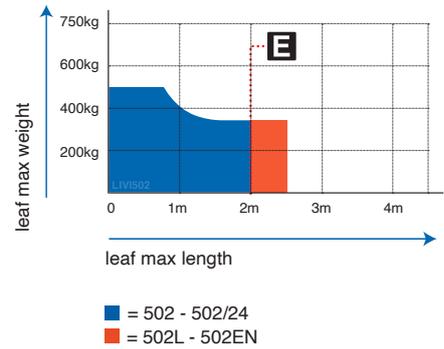
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)

TECHNICAL INFO	502 - 502EN	502L	502/24
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =
Maximum power absorption (W)	300		80
Max torque (Nm)	295	260	180
Duty cycle (cycles/hours)	22 -25 (vers. 502EN)		35
N. max cycles in 24h.	110		140
Built-in capacitor (µF)	8		/
Operating temperature (°C)	-20 ÷ 50		
Motor thermal protection (°C)	150		/
90° Opening time (s)	12	18	10
Weight with packing (Kg)	13,5		13,2
Sound pressure (dBA)	< 70		
Protection level	IP44		

ARTICULATED ARM

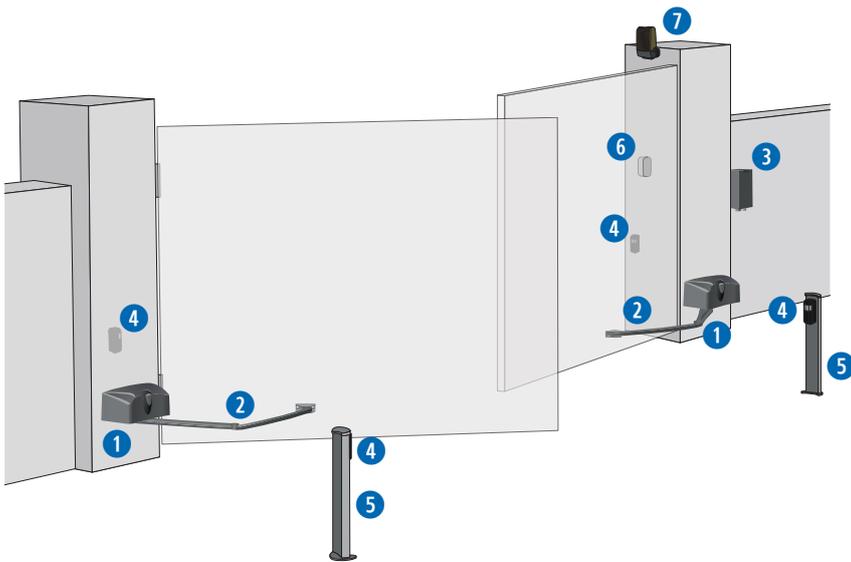


SLIDING ARM

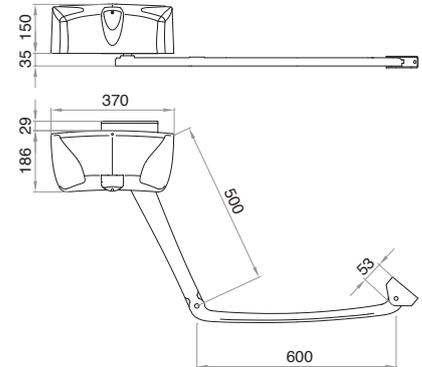


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS (with arms 560A)



KIT

1 **COD. 623140**
Art. 502L
Electromechanical automation for swing gates

KIT

2 **COD. 629130**
Art. 560A
Aluminium articulated arm

KIT

3 **COD. 677610**
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

KIT

4 **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

5 **COD. 664000**
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

6 **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

7 **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT

COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

COD. 668010
Art. 127
Warning sign

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 380960
Art. 560P
Vertical fixing plate
(fastening of operator
perpendicularly to the
gate)



COD. 629350
Art. KIT CLIMB
Adapter set for doors on slopes
(for doors up to 2m - 150 kg,
max gradient 12%)



COD. 629330
Art. SD502
Junction box



COD. 629100
Art. 560M
External unlocking device
by cable (4,5m). To be
used with BLINDOS



COD. 629250
Art. COL 515
Anti-fall stainless steel
cable with 2 holes for swing
gates



COD. 629290
Art. BAT
Rechargeable batteries kit for 24V
operators, 12V - 1,2Ah, complete
with wiring cables and fixing plate



COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with
European cylinder, ready for
unlocking device by cable.



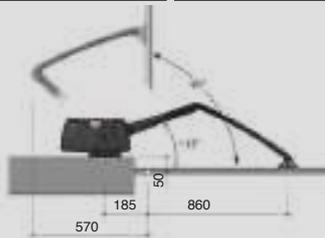
COD. 639111
**Art. 560F -
960F**
Limit switches set



COD. 629130
Art. 560A
Aluminium articulated
arm



COD. 629140
Art. 560BV
Painted galvanized
steel articulated arm



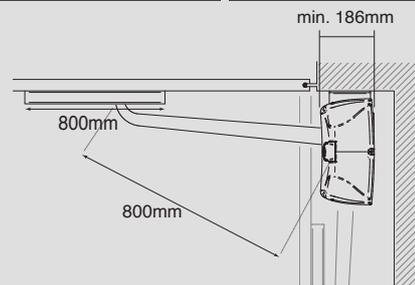
For installation dimensions refer to instructions manuals



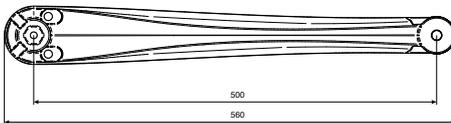
COD. 629110
Art. 560BD
Galvanized steel
rail sliding arm, right
side (L. 800 mm)



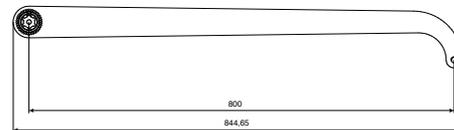
COD. 629120
Art. 560BS
Galvanized steel rail
sliding arm, left side
(L. 800 mm)



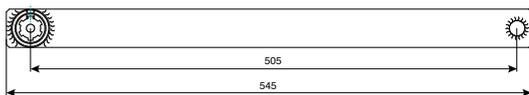
Art. 560A



Art. 560BD - Art. 560BS



Art. 560BV





ANGOLO

Electromechanical automation for swing gates

up to 2,3 m - 200 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



ANGOLO



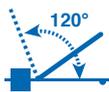
Compatible with external cable release (art.580M and art. BLINDOS - optional), to always have safe access from outside the property

The small size of this motor (L = 114mm) allows installation in any condition

Integrated DE@NET control panel for compact installation



Door opening up to 120°



Sled arm (optional) that allows you to avoid lateral obstructions



The DE@NET universal control board make this operator **compatible with NETLINK** System.



Compatible with NETCOM, the device for installation maintenance and remote control management



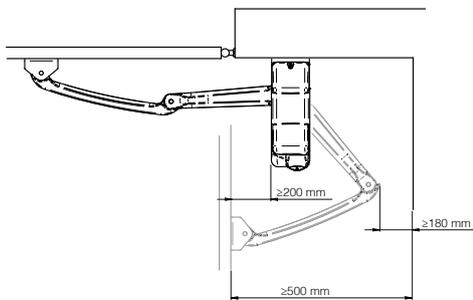
24V --- operators with control board, without arm



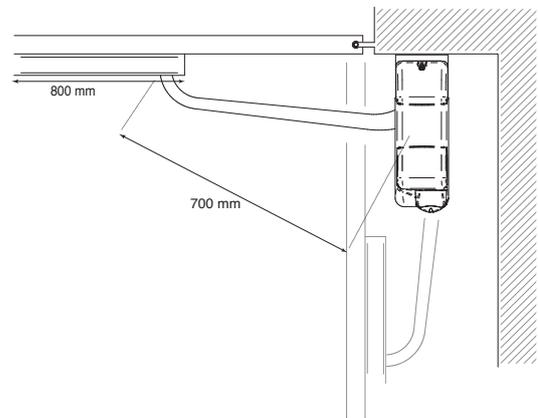
COD.	Art.			OTHER CHARACTERISTICS
626300	ANGOLO24NET/1		NET24N	<ul style="list-style-type: none"> • 1 operator • Anti-crushing safety device • Speed adjustment and slow down in opening and closing

All models have: arm and mounting plate not included. N.1 control board NET24N included.

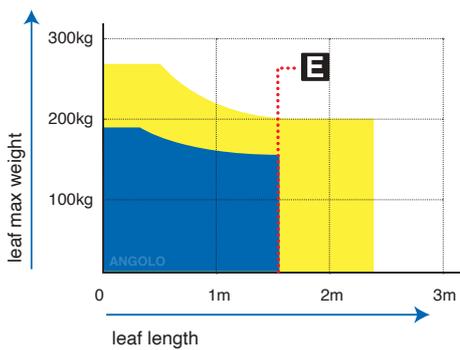
DIMENSIONS WITH ARMS



Refer to instructions manual for installation dimensions



GUIDE TO USE

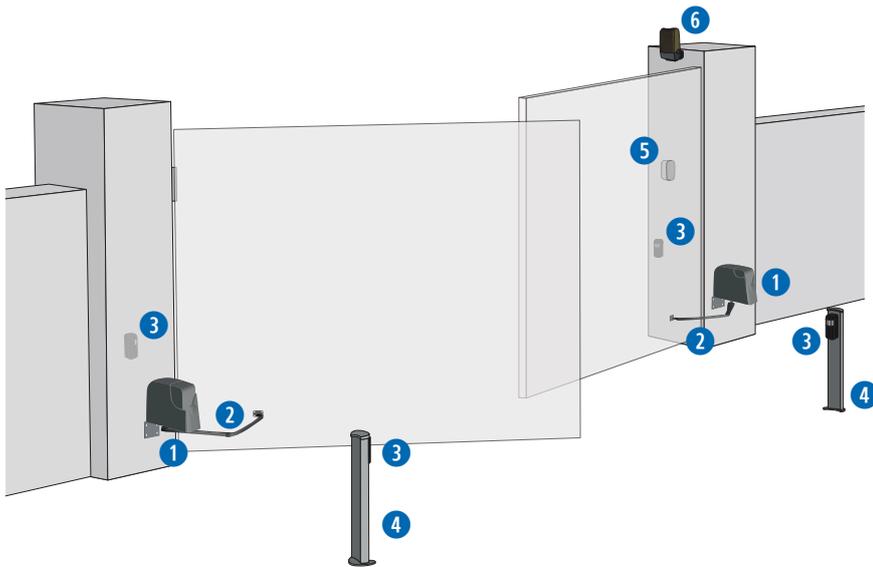


If the leaf length is bigger than 1,5 meters or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table.

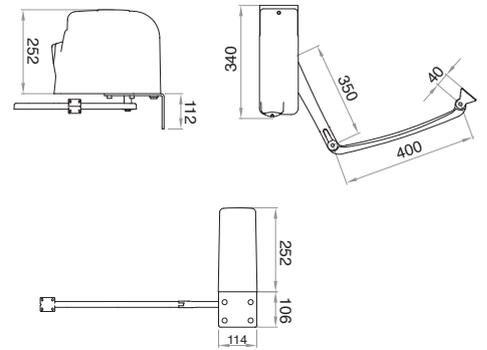
- = GEKO/BS
- = GEKO/BA

TECHNICAL INFO	ANGOLO 24NET
Motor power supply (V)	24V ---
Maximum power absorption (W)	60
Max torque (Nm)	120
Duty cycle (cycles/hours)	25
N. max cycles in 24h.	60
Operating temperature (°C)	-20 ÷ 50
90° Opening time (s)	15
Weight with packing (Kg)	12,5
Sound pressure (dBA)	< 70
Protection level	IP44

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS (with arms GEKO/BA)



PACK

1 **COD. 626300**
Art. ANGOLO24NET/1
 Electromechanical automation for swing gates

PACK

1 **COD. 678251**
Art. NET24N
 Universal digital control board for 1 or 2 operators. 24V, with or without magnetic encoder

2 **COD. 629260**
Art. GEKO/BA
 Aluminium articulated arm

PACK

3 **COD. 662080**
Art. LINEAR/XS
 Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

4 **COD. 664000**
Art. PILLY/60
 Pair of 55cm column for photocells (2 pcs)

5 **COD. 663090**
Art. GT-KEY
 Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

PACK

6 **COD. 661130**
Art. AURA N
 LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

PACK

COD. 672635
Art. GTI2
 Serialized white 2-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding

PACK

COD. 381060
Art. 580V
 Vertical mounting plate (fastening of operator perpendicularly to the gate)

COD. 668010
Art. 127
 Warning sign

PACK for further details on the PACKS see price list

SPECIFIC ACCESSORIES



COD. 629260
Art. GEKO/BA
Aluminium articulated arm



COD. 629261
Art. GEKO/BS
Roll sliding arm, painted galvanized steel



COD. 381070
Art. 580L
Horizontal mounting plate (fastening of operator parallel to the gate)



COD. 381060
Art. 580V
Vertical mounting plate (fastening of operator perpendicularly to the gate)



COD. 629200
Art. 580M
External unlocking device by cable (4,5m). To be used with BLINDOS



COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.



COD. 629250
Art. COL 515
Anti-fall stainless steel cable with 2 holes for swing gates



COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate



GHOST 100

Electromechanical underground automation for swing gates

up to 3,5 m - 400 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



GHOST 100



Leaf opening up to 180° with art. 116GN

The operator is supplied with 8m power cable to facilitate the electrical connection to the control panel

Operator body compatible with foundation box of other brands

The one-piece aluminum operator body guarantees maximum watertight integrity



The standard foundation box with cataphoresis treatment guarantees excellent resistance to atmospheric agents. Stainless steel case also available for high salinity conditions

Built-in mechanical stops as standard to eliminate the need for floor stops

The DE@NET external universal control board make this operator compatible with the NETLINK system.



Compatible with NETCOM, the device for installation maintenance and remote control management



230V ~ operators without control board, with mechanical stops



COD.	Art.			OTHER CHARACTERISTICS
621252	100/CL			• Underground operator with connection lever, mechanical stops and complete with 8m of cable
621253	100EN/CL		✓	• Underground operator with connection lever, mechanical stops, encoder and complete with 8m of cable

All models: foundation box not included. Mechanical limit switches included.
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)
For all models: cable L=8m

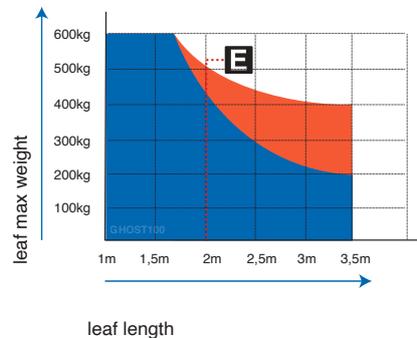
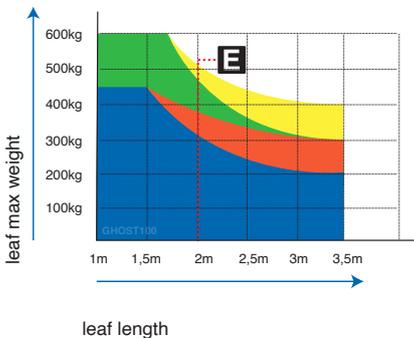
24V = operators without control board, with mechanical stops



COD.	Art.		OTHER CHARACTERISTICS
621262	100/24CL		• Underground operator with connection lever, mechanical stops, encoder and complete with 8m of cable

All models: foundation box not included. Mechanical limit switches included.
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)
For all models: cable L=8m

GUIDE TO USE

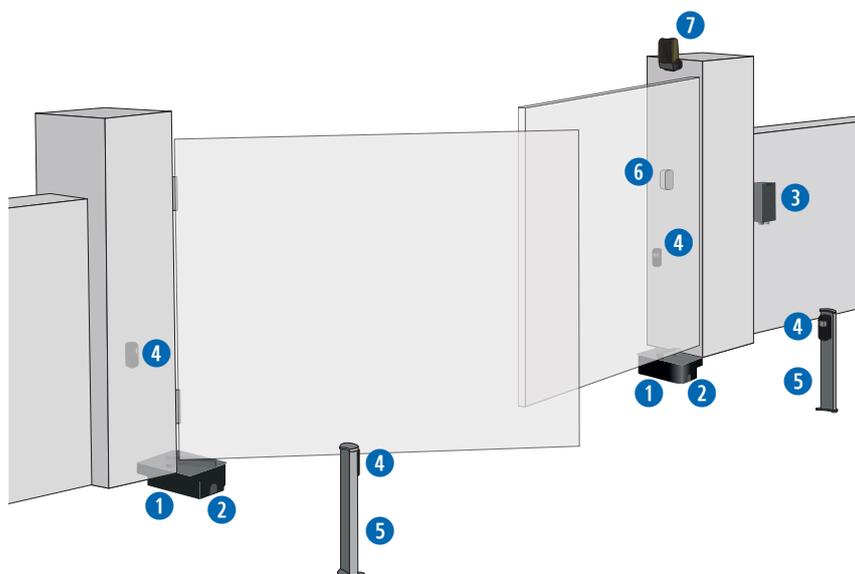


- = models with encoder and mechanical limit switches incorporated in the operator or art. 118/XL
- = models with encoder and mechanical stops on the ground
- = models with mechanical limit switches incorporated in the operator or art. 118/XL
- = models with mechanical stop on the ground

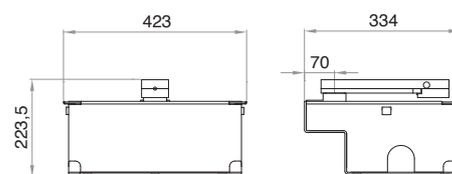
If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leaves shorter than 2m.

TECHNICAL INFO	100/CL - 100EN/CL	100/24CL
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	24V ~
Maximum power absorption (W)	250	50
Max torque (Nm)	250	200
Duty cycle (cycles/hours)	18 - 25 (vers. 100EN)	40
N. max cycles in 24h.	100	
Built-in capacitor (µF)	10	/
Operating temperature (°C)	(-20°) - (50°)	
Motor thermal protection (°C)	150	/
90° Opening time (s)	16	14
Weight with packing (Kg)	11	
Sound pressure (dBA)	< 70	
Protection rating	IP67	

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



KIT

1

COD. 621253
Art. 100EN/CL
Electromechanical underground operator for swing gates

KIT

2

COD. 629000
Art. 215
Foundation box with cataphoresis treatment complete with gate support and unlocking device

KIT

3

COD. 677610
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

KIT

4

COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocells for outdoor installation. Maximum range 20m

5

COD. 664000
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

6

COD. 663090
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

7

COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT

COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

COD. 668010
Art. 127
Warning sign

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 629000
Art. 215
Foundation box with cataphoresis treatment complete with gate support and unlocking device



COD. 629010
Art. 215I
Stainless steel foundation box complete with unlocking mechanism



COD. 629022
Art. 116G/N
Device to be fixed to art. 215 e art. 215I to obtain an opening angle of 180°



COD. 629391
Art. KIT ADAB
Adapter set for other foundation boxes dim. 410x330x145 mm



COD. 629392
Art. KIT ADA 115/C
Adapter set for foundation box art. 115, art. 115I



COD. 629290
Art. BAT
Rechargeable battery kit for 24V operators, 12V - 1,2Ah, complete with wiring cables



COD. 629032
Art. 118/XL
Additional reinforced limit switch for GHOST100 motor, in closed position



COD. 330610
GHOST RELEASE KEY
Release key for GHOST



GHOST 200

Electromechanical underground
automation for swing gates

up to 4 m - 400 kg



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



GHOST 200



Operators available in fast or slow version, for greater safety during movement

Painted aluminum operator body for high corrosion protection

Leaf opening up to 180° with art. 216GN



The operator is supplied with 8m power cable to facilitate the electrical connection to the control panel



The external plate for mechanical stops (art. 218 - optional) eliminates the need for ground stops

The DE@NET external universal control board make this operator compatible with the NETLINK system.



NETCOM

Compatible with NETCOM, the device for installation maintenance and remote control management

The standard foundation box with cataphoresis treatment guarantees excellent resistance to atmospheric agents. Stainless steel case also available for high salinity conditions



230V ~ operators without control board



COD.	Art.			OTHER CHARACTERISTICS
621040	200CL	●●		<ul style="list-style-type: none"> Underground operator with connection lever and complete with 8m of cable
621013	200L/CL	●●		<ul style="list-style-type: none"> Slow version (90°=26s) Underground operator with connection lever and complete with 8m of cable

All models: foundation box and limit switches not included.

Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

For all models: cable L=8m

24V = operators without control board



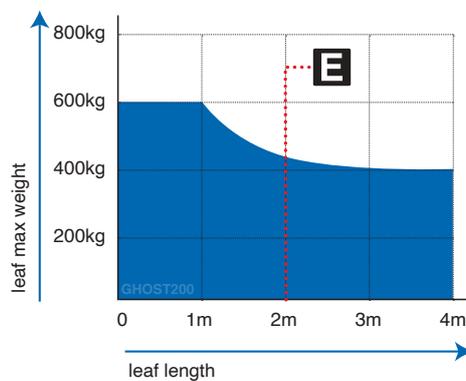
COD.	Art.		OTHER CHARACTERISTICS
621050	200/24CL	●●●	<ul style="list-style-type: none"> Underground operator with connection lever and complete with 8m of cable

All models: foundation box and limit switches not included.

Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)

For all models: cable L=8m

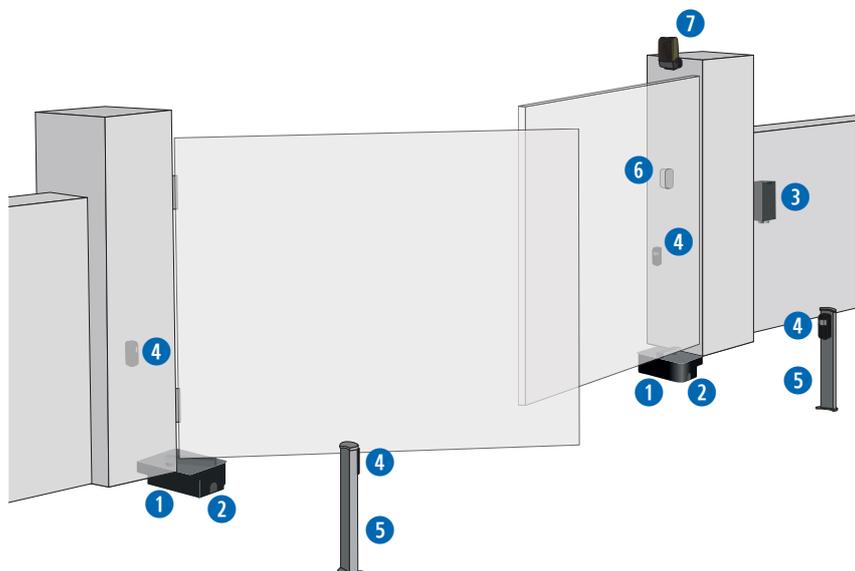
GUIDE TO USE



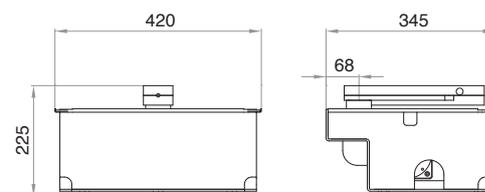
If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary to use an electric lock also for leafs shorter than 2m.

TECHNICAL INFO	200CL	200L/CL	200/24CL
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =
Maximum power absorption (W)	400	330	150
Max torque (Nm)	320	300	210
Duty cycle (cycles/hours)	20 - 28	18	40
N. max cycles in 24h.	200		280
Built-in capacitor (µF)	12,5		/
Operating temperature (°C)	-20 ÷ 50		
Motor thermal protection (°C)	150		/
90° Opening time (s)	17	26	16
Weight with packing (Kg)	14,5		14
Sound pressure (dBA)	< 70		
Protection level	IP67		

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



KIT

1  **COD. 621040**
Art. 200CL
Electromechanical underground operator for swing gates

KIT

2  **COD. 629000**
Art. 215
Foundation box with cataphoresis treatment complete with gate support and unlocking device

KIT

3  **COD. 677610**
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

KIT

4  **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

5  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

6  **COD. 663090**
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

KIT

7  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT

 **COD. 672645**
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

COD. 668010
Art. 127
Warning sign

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 629000
Art. 215
Foundation box with cataphoresis treatment complete with gate support and unlocking device



COD. 629010
Art. 215l
Stainless steel foundation box complete with unlocking mechanism



COD. 629030
Art. 218
Mechanical limit switches



COD. 629020
Art. 216
Device to be fixed into art. 215 e art. 215l to obtain an opening angle of 180°



COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate



COD. 330610
GHOST RELEASE KEY
Release key for GHOST



COUNTERWEIGHT DOORS



Choose the operator suitable for your counterweight:



LIVI 902

- 1 operator up to 9m² - 2 operators over 9m²
- 230V / 24V
- Semi-intensive use

SELECTION GUIDE

Choose the garage door size in square meters

							Art.
< 9m ²	X 1	230V	●●	✓	✓		905NET/IP/BF
			●●			✓	902EN/IP/BF
< 9m ²	X 1	24V	●●	✓	✓		905/24NET/BF
			●●			✓	902/24EN/BF
> 9m ²	X 2	230V	●●	✓	✓		905NET/IP/BF
			●●			✓	902EN/IP/BF
> 9m ²	X 2	24V	●●	✓	✓		905/24NET/BF
			●●			✓	902/24EN/BF





LIVI 902

Electromechanical automation for counterweight overhead doors

1 operator up to 9m²
2 operators over 9m²



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



LIVI 902



Robust mechanical gears and cogs guarantee reliability and durability over time



Integrated manual unlocking device



Check on the movement of motor by encoder which guarantees precision and safety



External unlocking device with art. 960C

New versions are available, with high IP level IP44

The DE@NET universal control board make this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation maintenance and remote control management!



230V ~ operators with control board, without fixing plate



COD.	Art.				OTHER CHARACTERISTICS
633414	905NET/IP/BF		NET230N	✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder • IP44
633413	905NETP/BF		NET230N	✓	<ul style="list-style-type: none"> • Integrated push-button. Designed for unlocking device by cable • Magnetic encoder

All 905 models: control board included art. NET230N. Fixing plate not included.

230V ~ operators without control board and fixing plate

COD.	Art.			OTHER CHARACTERISTICS
633353	902EN/IP/BF		✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder • IP44
633351	902EN/BF		✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder

All 902 models: control board and fixing plate not included.

Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

24V ~ operators with control board, without fixing plate



COD.	Art.				OTHER CHARACTERISTICS
633432	905/24NET/BF		NET24N	✓	<ul style="list-style-type: none"> • To place external unlocking device handle • Magnetic encoder

All 905 models: control board included art. NET24N. Fixing plate not included.

24V ~ operators without control board and fixing plate

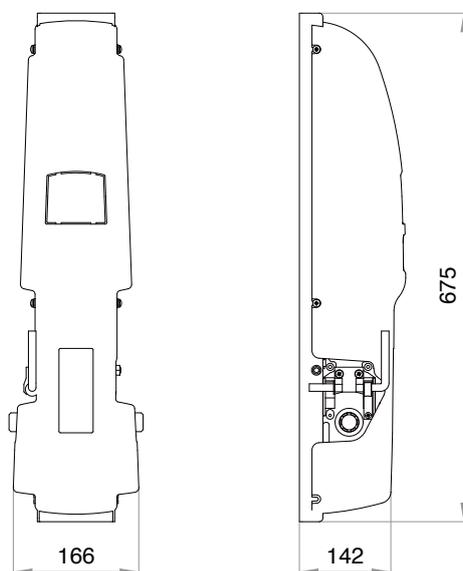
COD.	Art.			OTHER CHARACTERISTICS
633175	902/24EN/BF		✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder

All 902 models: control board and fixing plate not included.

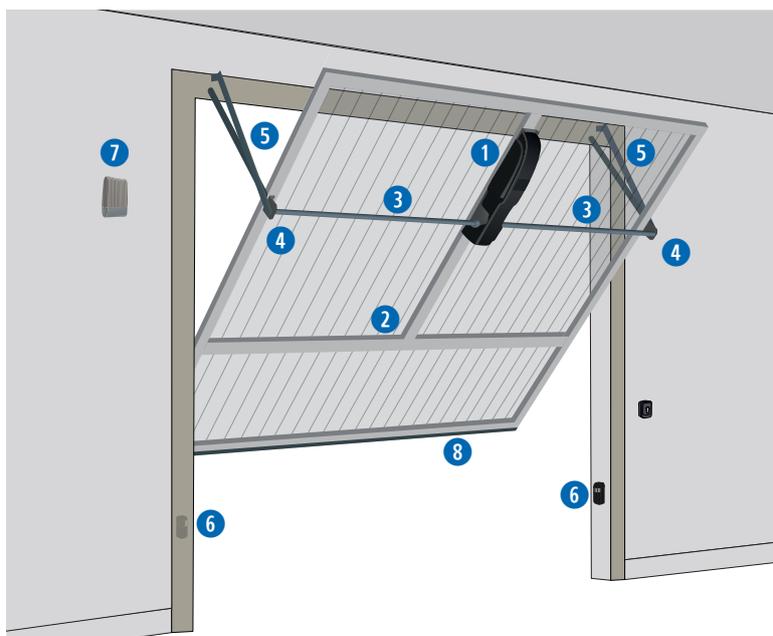
Control board to complete the installation: control board cod. 677610 art. NET24N/C (with box)

TECHNICAL INFO	905NET/IP/BF - 902EN/IP/BF	905NETP/BF - 902EN/BF	905/24NET/BF - 902/24EN/BF
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =
Maximum power absorption (W)	300		80
Max torque (Nm)	295		180
Duty cycle (cycles/hours)	28		35
N. max cycles in 24h.	220		290
Built-in capacitor (µF)	8		-
Operating temperature (°C)	-20 ÷ 40		
Motor thermal protection (°C)	150		-
Speed (rpm)	1,7		2,2
Weight with packing (Kg)	11		10
Sound pressure (dBA)	< 70		< 70
Protection level	IP44		IPX0

DIMENSIONS



EXAMPLE OF A TYPICAL INSTALLATION WITH 1 OPERATOR



1 COD. 633414
Art. 905NET/IP/BF
Operator for counterweight overhead door

2 COD. 380380
Art. 953NL
Fixing plate
L=2000mm

3 COD. 639070
Art. 952BL
Pair of pipes with bushing, L=2000mm (for central mounting)

Order 2pcs

4 COD. 639570
Art. 955V
Pipe support $\varnothing=40.5$ mm for art. 950V, 950VR and 951V (to be screwed)

Order 2pcs

5 COD. 639140
Art. 950V
Telescopic straight arm to be screwed, right and left

6 COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

7 COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

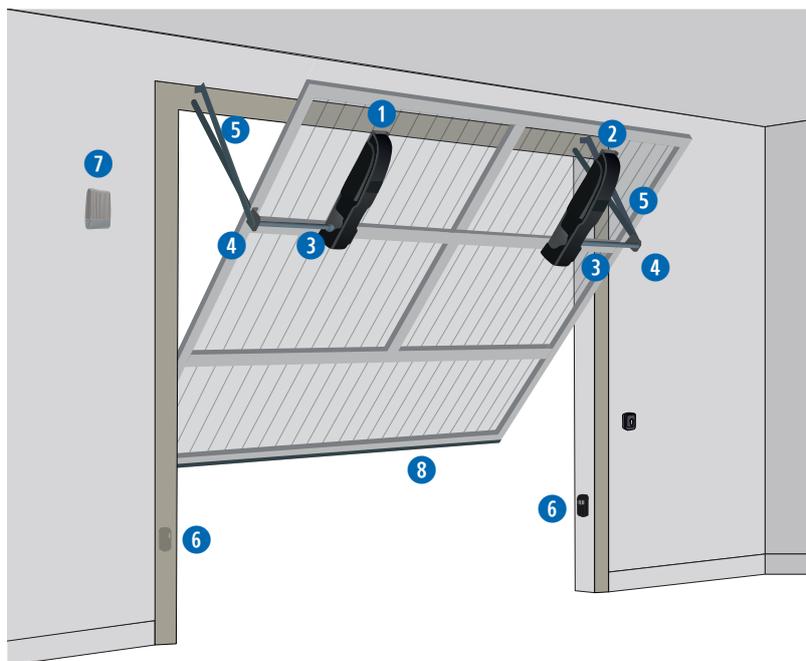
COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

COD. 639100
Art. 960C
Hole cover with key for external unlocking

COD. 668010
Art. 127
Warning sign

8 COD. 667051
Art. SOFTP
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces (24m)

EXAMPLE OF A TYPICAL INSTALLATION WITH 2 OPERATORS



1

COD. 633414
Art. 905NET/IP/BF
 Operator for counterweight overhead door

2

COD. 633353
Art. 902EN/IP/BF
 Operator without control board for counterweight overhead door

Order 2pcs

3

COD. 639160
Art. 954V
 Splined bushing L=300 mm (to be screwed)

Order 2pcs

4

COD. 639560
Art. 955
 Pipe support Ø=30mm (to be screwed)

Order 2pcs

5

COD. 639140
Art. 950V
 Telescopic straight arm to be screwed, right and left

Order 2pcs

6

COD. 380360
Art. 953C
 Fixing plate L=675mm

6

COD. 662080
Art. LINEAR/XS
 Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

7

COD. 661130
Art. AURA N
 LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

COD. 672645
Art. GTI4
 Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

8

COD. 667051
Art. SOFTP
 Safety rubber profile (complete with aluminium base) useful to reduce the impact forces (24m)

COD. 639100
Art. 960C
 Hole cover with key for external unlocking

COD. 668010
Art. 127
 Warning sign

SPECIFIC ACCESSORIES



COD. 380360
Art. 953C
Fixing plate L=675mm



COD. 380370
Art. 953N
Fixing plate L=1300mm



COD. 380380
Art. 953NL
Fixing plate L=2000mm



COD. 639560
Art. 955
Pipe support Ø=30mm (to be screwed)



COD. 639570
Art. 955V
Pipe support Ø=40.5mm for art. 950V, 950VR and 951V (to be screwed)



COD. 639070
Art. 952BL
Pair of pipes with bushing, L=2000mm (for central mounting)



COD. 639040
Art. 950
Telescopic straight arm to be welded (profile 40x10mm)



COD. 639140
Art. 950V
Telescopic straight arm to be screwed, right and left



COD. 639050
Art. 951
Telescopic bent arm to be welded (profile 40x10mm)



COD. 639151
Art. 951V SX
Telescopic bent arm to be screwed (left side)



COD. 639150
Art. 951V DX
Telescopic bent arm to be screwed (right side)



COD. 639080
Art. 954
Splined bushing L=35mm (for side mounting)



COD. 639360
Art. 950BS
Galvanized steel telescopic arm with 50 mm splined bushing



COD. 629190
Art. 560BT
Reinforced galvanized steel telescopic arm with splined bushing



COD. 639121
Art. 960PN
Start push button to be mounted on the cover



COD. 639160
Art. 954V
Splined bushing with pipe L=300mm to be screwed



COD. 639111
Art. 560F - 960F
Limit switches set



COD. 430650
Art. 960BF
Unlocking device by cable (4m)



COD. 639100
Art. 960C
Hole cover with key for external unlocking



COD. 667051
Art. SOFTP
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces (24m)



COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate



SECTIONAL AND COUNTERWEIGHT SPRING DOORS



Choose the operator for your garage door:



NEW

ADVANCE N

- Up to 16m²
- 24V
- For residential use
- 600N and 1200N versions



NEW

SPACE N

- Up to 16m²
- 24V
- Residential and semi-intensive use
- 600N, 800N and 1200N versions



TEO 700

- Up to 9m²
- 24V
- Residential use
- 1000N version

SELECTION GUIDE

Choose the maximum size in square meters of the sectional door

<9m ²	1000N	24V	●		✓	TEO700	
<10m ²	600N	24V	●	✓	NEW NET724 EVO	ADVANCE/N	
						SPACE/N	
<12m ²	800N	24V	●	✓	NEW NET724 EVO	SPACE/N/L BOOST	
<16m ²	1200N	24V	●	✓	NEW NET724 EVO	ADVANCE/N/XL	
			●			SPACE/N/XL	
			●●			SPACE/N/XXL	



ADVANCE N

Automation for sectional and counterweight spring doors

up to 16m²



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



ADVANCE N

Separate control panel from the operator to be installed on the wall. Programming is easier and the open / stop / close buttons are close at hand.

This operator is compatible with the NETLINK System.



NET724EVO, the new control board:

- **EASY** and **PRO** navigation menus
- improved management of the stroke
- force tracking with **EVO TRACK** technology



Quick opening (**up to 19cm/s**) and very silent, thanks to the steel track with belt

The belt is reinforced with internal iron filaments to ensure silence and durability over time.

Track available in sizes:
• 3200 mm (art. AB16)
• 4000 mm (art. AB20).

The easy-to-assemble two-piece rail makes transport easier.

Two-channel encoder technology that ensures maximum precision and safety during opening and closing

ADVANCE N:
available in 2022
Same design, new features



NEW

Q2 2022

ADVANCE N



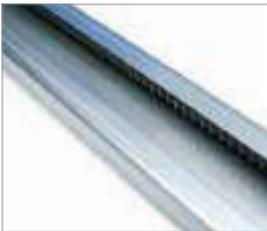
24V = operators with control board and encoder

COD.	Art.					OTHER CHARACTERISTICS
NEW 636140	ADVANCE/N	600N	✓	●	NEW NET724 EVO 4	<ul style="list-style-type: none"> Operator with 2 channels encoder Separated control board with box*, programming by display, Open/Close external push buttons, LED courtesy light Quick connection of the operator in the track Continuous adjustment of the stroke and forces Secured programming procedure Without track
	ADVANCE/N/XL	1200N	✓	●		

All models: control panel with box for wall mounting and 1 transmitter art. GTI4 included. Track not included.

* for up to 200 remote controls

Steel track with belt:

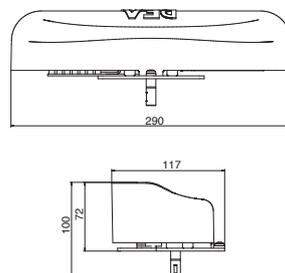


COD.	Art.	CHARACTERISTICS
636090	AB16	Steel track with belt, 2 pcs, 1.600+1.600 mm ADVANCE N series: useful stroke: 2.776 mm
636093	AB20*	Iron track with belt, 2 pcs, 2.000 x 2.000 mm ADVANCE N series: useful stroke: 3.576 mm

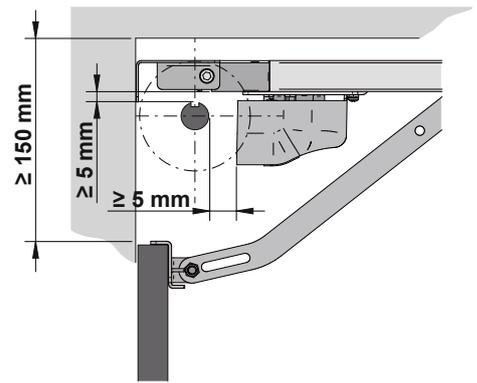
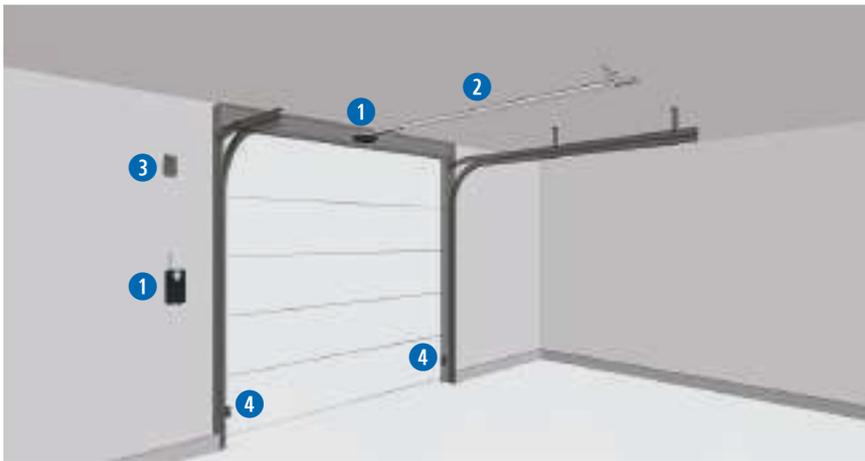
*Recommended: to use with art. AB/BRACKET cod. 639381, for greater track stability.

TECHNICAL INFO	ADVANCE/N	ADVANCE/N/XL
Supply voltage	220 - 240V ~ ±10% (50/60Hz)	
Motor power supply (V)	24V =	
Rated power transformer (VA)	150VA (230/25V)	
Fuse F1	T2A 250V (delayed)	
Maximum power absorption (W)	100	220
Max thrust (N)	600	1200
Duty cycle (cycles/hours)	20	25
N. max cycles in 24h.	60	75
Operating temperature (°C)	(-20°) - (50°)	
Speed (cm/s)	17	19
Weight with packing (Kg)	4	
Sound pressure (dBA)	< 70	
Protection rating	IPX0	

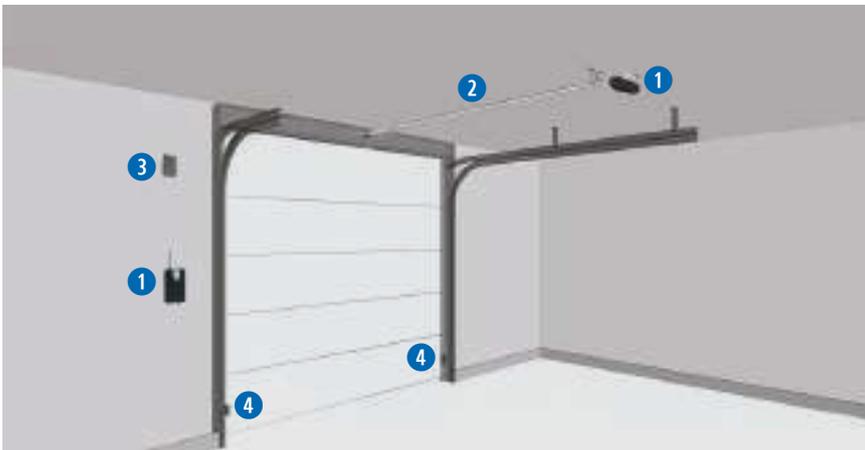
DIMENSIONS



DOOR SIDE INSTALLATION



STANDARD SIDE INSTALLATION



KIT



Art. ADVANCE N
1 operator ADVANCE N - 24V with separated control board

NEW

KIT



Art. AB16
Iron track with belt, 2 pcs., 1.600 + 1.600 mm

KIT



Art. GT14
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

3



COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

4



COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES



COD. 639381
Art. AB/BRACKET
Fixing plate set for track



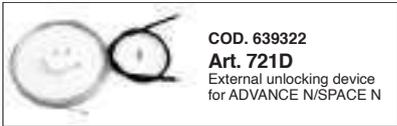
COD. 639350
Art. 723
Arm adaptor for sectional doors



COD. 639590
Art. BAT/ADV
Battery set for ADVANCE N/SPACE N



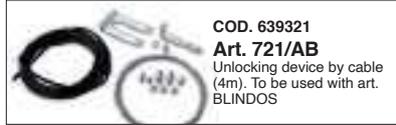
COD. 639600
Art. PLUG CABLE/ADV
Multi-section shielded cable for ADVANCE N L=5m



COD. 639322
Art. 721D
External unlocking device for ADVANCE N/SPACE N



COD. 639382
Art. AB/FM
Mechanical stop in opening position for track with belt. Compulsory usage with "Electronic positioning brake" function enabled



COD. 639321
Art. 721/AB
Unlocking device by cable (4m). To be used with art. BLINDOS



COD. 639372
Art. 762C
Unlocking device by cable with lock



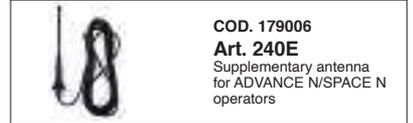
COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.



COD. 639301
Art. AB/EXTENSION
1600mm extension for steel track art. AB16 complete with joint and 9450 mm full belt



COD. 639340
Art. 722
Arm to be used with counterweight doors



COD. 179006
Art. 240E
Supplementary antenna for ADVANCE N/SPACE N operators



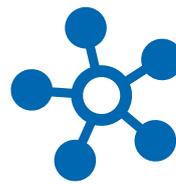
COD. 639371
Art. 761C
Unlocking device by cable complete with hole cover lock



SPACE N

Sectional and counterweight spring doors

up to 16m²



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



SPACE N

New Design

Available in Q2 2022

Available in 4 different versions: 600N, 800N, 1200N and 1200N for higher frequency use.



NET724EVO, the new control board:

- **EASY** and **PRO** navigation menus
- improved management of the stroke
- force tracking with **EVO TRACK** technology

Two-channel encoder technology that ensures maximum precision and safety during opening and closing



This operator is compatible with the NETLINK System.



SPACE/N	Opening speed cm/s	17"
SPACE/N/L BOOST		24"

Note: the opening time may increase depending on the characteristics of the installation

Track available in two sizes:

- 3.200 mm (art. AB16)
- 4.000 mm (art. AB20)

It is packaged in two pieces and is easy to transport and assemble.

The belt is reinforced with internal iron filaments to ensure silence and durability over time.



Integrated LED courtesy light.



Easy access door.





NEW
Q2 2022



SPACE N

24V = operators with control board and encoder



COD.	Art.	24V	600N	800N	1200N	1200N	OTHER CHARACTERISTICS
636130	SPACE/N	✓	600N	•			<ul style="list-style-type: none"> Operator with 2 channels encoder Integrated control board with receiver** Without track Quick connection between the operator and the track Continuous adjustment of the stroke and forces
636131	SPACE/N/L BOOST	✓	800N	•			
636132	SPACE/N/XL	✓	1200N	•			
636133	SPACE/N/XXL*	✓	1200N	••			

NEW

NEW
NET724 EVO
4

For all models: NET724 EVO control panel and 1 transmitter art. GTI4 included. Track not included.

* SPACE/XXL: art. AB/FM included

** for up to 200 remote controls

Steel track with belt:



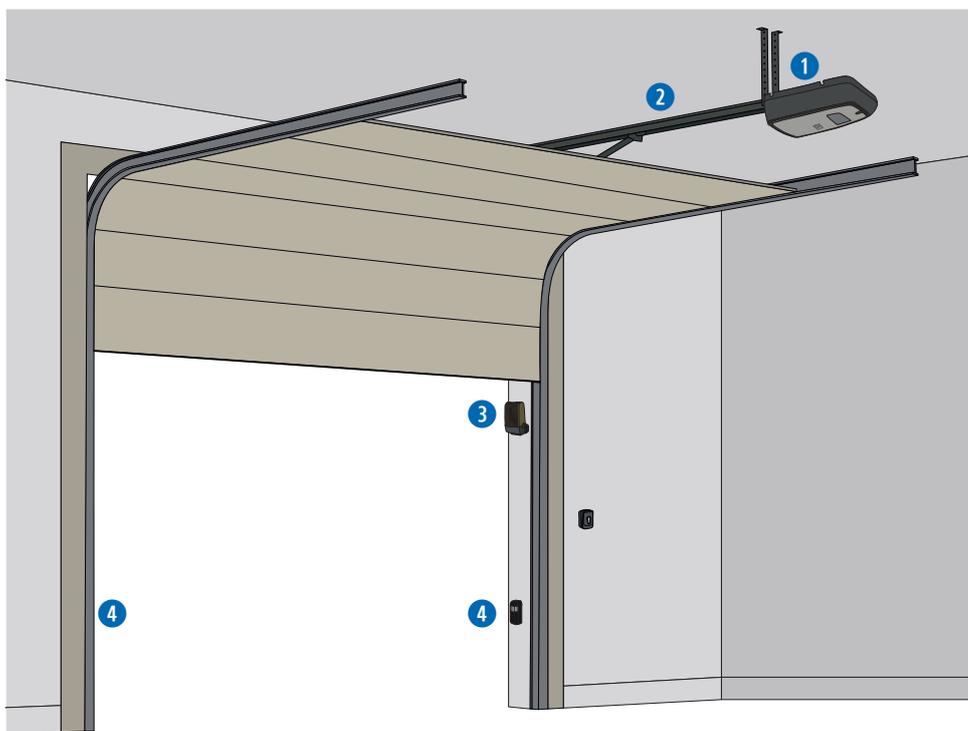
COD.	Art.	CHARACTERISTICS
636090	AB16	Steel track with belt, 2 pcs, 1.600+1.600 mm SPACE N series: useful stroke 2.668 mm
636093	AB20*	Iron track with belt, 2 pcs, 2.000 x 2.000 mm SPACE N series: useful stroke 3.468 mm

*Recommended: to use with art. AB/BRACKET cod. 639381

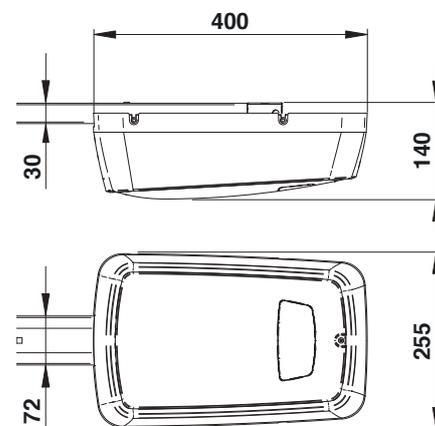
TECHNICAL INFO	SPACE/N	SPACE/NL BOOST	SPACE/N/XL	SPACE/N/XXL
Power supply voltage	230 - 240V ~ ±10% (50/60Hz)			
Motor power supply (V)	24V =			
Rated power transformer	80VA (230/25V)	150VA (230/25V)		
Fuse F1	T2A 250V (delayed)			
Maximum power absorption (W)	100	180	220	230
Max thrust (N)	600	800	1200	1200
Duty cycle (cycles/hours)	20	25	25	35
N. max cycles in 24h.	60	75	75	350
Operating temperature (°C)	(-20°) - (50°)			
Speed (cm/s)	17	24	19	13
Weight with packing (Kg)	5			6
Sound pressure (dBA)	< 70			
Protection rating	IP20			

SPACE N

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



KIT

1 operator SPACE N - 24V **NEW**

KIT

Art. AB16
Iron track with belt, 2 pcs., 1600 + 1600 mm

KIT

COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.

4

COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

3

COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES

COD. 639381
Art. AB/BRACKET
Track fixing plate set

COD. 639382
Art. AB/FM
Mechanical stop in opening position for track with belt. Compulsory usage with "Electronic positioning brake" function enabled

COD. 639301
Art. AB/EXTENSION
1600mm extension for steel track art. AB16 complete with joint and 9450 mm full belt

COD. 639350
Art. 723
Arm adaptor for sectional doors

COD. 639321
Art. 721/AB
Unlocking device by cable (4m). To be used with art. BLINDOS

COD. 639340
Art. 722
Arm to be used with counterweight doors

COD. 639371
Art. 761C
Unlocking device by cable complete with hole cover lock

COD. 639372
Art. 762C
Unlocking device by cable with lock

COD. 179006
Art. 240E
Supplementary antenna for SPACE N operators

COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.

COD. 639322
Art. 721D
External unlocking device for ADVANCE/SPACE N

COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate



KIT PARKING SPACE N/XXL

Automation KIT of sectional doors for underground parking with traffic light regulation

art. 636351

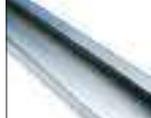
	+		+		+	
SPACE N/XXL*		STEELBOX		NET724 EVO/PROBOX		NET-EXPANSION

* Track NOT included.

SPECIFIC ACCESSORIES

	COD. 636090 Art. AB16 Iron track with belt, 2 pcs., 1600 + 1600 mm
	COD. 667071 Art. LOOP 230/2 Loop detector, 2 channels

	COD. 681034 Art. SMFLED230/2 230V led traffic light: red-green lights
	COD. 639381 Art. AB/BRACKET Track fixing plate set

	COD. 681035 Art. SMFLED24/2 24V led traffic light: red-green lights
	COD. 639301 Art. AB/EXTENSION 1600mm extension for steel track art. AB16 complete with joint and 9450 mm full belt



TEO 700

Sectional and counterweight
spring doors

up to 9m²



TEO 700

3300mm chain track that guarantees solidity and resistance over time.

Integrated control panel, easy to program through the external buttons and the display visible on the lid

Integrated courtesy light

Operator with 1000N encoder technology that guarantees high performance





24V = operators with control board incorporated and encoder



COD.	Art.				OTHER CHARACTERISTICS
636021	KIT TEO 700	1000N		✓	<ul style="list-style-type: none"> • Pre-assembled steel track length= 3.200 mm • Operator with encoder • Anti-crushing safety device • Force adjustment • Automatic adjustment of speed and slowdown

Set complete with: steel track and chain, L=3.300 mm (1 piece) and 1 art. GTI2 transmitter

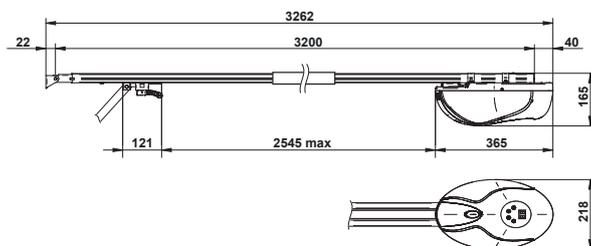
Power supply voltage (V)	230V ~ ±10% (50/60 Hz)
Rated power transformer (VA)	100 VA (230/22V)
Fuse F2 (A) (transformer)	2,5A 250V
Auxiliaries power supply output	+24 V max 200mA
Flashing light output	24 V max 15W
Receiver frequency	433,92 MHz
Transmitters type of coding	HCS Rolling code
Max remote controls	20

Motor power supply voltage (V)	24V =
Maximum power absorption (W)	100
Max thrust (N)	1000
Duty cycle (cycles/hour)	15
N. max cycles in 24h.	35
Operating temperature (°C)	-20÷50
Speed (m/min)	9
Weight with packing (Kg)	4,3
Sound pressure (dBA)	< 70
Protection level	IP30

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



KIT

1 1 operator TEO 700 - 24V

KIT

2 **Steel track**
With chain L=3.200 mm

KIT

COD. 672635
Art. GTI2
Serialized white 2-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding

3 **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

4 **COD. 662080**
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

KIT for further details on the kits see price list

SPECIFIC ACCESSORIES

COD. 639580
Art. TEO EXTENSION
Extension for chain track L=1000 mm

COD. 639371
Art. 761C
External unlocking device complete with a hole cover lock

COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate



INDUSTRIAL SECTIONAL AND FOLDING DOORS



Choose the operator for your industrial sectional door:



LATO

- Up to 35m²
- 230V / 400V
- Collective and industrial use
- Available versions built-in control board and with chain for a manual manoeuvre



LIVI 550PL

- 230V
- Industrial folding doors
- Available versions with encoder

SELECTION GUIDE FOR INDUSTRIAL SECTIONAL DOORS

Choose the maximum size in square meters of the sectional door



Operator with DIRECT CONNECTION

<17m ²	230V	62Nm	22,4	●●	✓	✓	LATO220NET
					✓	✓	LATO220NET/C
						✓	LATO220/EN
						✓	LATO220/CEN

Operator with 2:1 RATIO

17m ² ÷ 20m ²	230V	124Nm	11,2	●●	✓	✓	LATO220NET
					✓	✓	LATO220NET/C
						✓	LATO220/EN
						✓	LATO220/CEN

Operator with DIRECT CONNECTION

<23m ²	400V	104Nm	22,4	●●●		✓	LATO400EN
							LATO400CEN

Operator with 2:1 RATIO

23m ² ÷ 35m ²	400V	208Nm	11,2	●●●		✓	LATO400EN
							LATO400CEN





LATO

Automations for industrial sectional doors

up to 35m²



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



LATO

Quick installation, with the possibility of direct attachment on the spring holder axis or with 2:1 chain reduction to increase the capacity

Available with and without control unit. The version with integrated control unit ensures a compact installation.



Available with and without chain. The chain version ensures manual opening during power outage.

Encoder technology with micro-switch limit switches that ensures maximum precision and safety during opening and closing

Available in single-phase 230V and three-phase 400V



The DE@NET universal control board make this operator compatible with NETLINK System.



The wall control board enclosure (art. 100GP) facilitates programming and has an Open / Close / Stop push button



Compatible with NETCOM, the device for installation maintenance and remote control management!



230V ~ operators with control board, limit switches and encoder



COD.	Art.					OTHER CHARACTERISTICS
637050	LATO220NET		NET230N	For shaft Ø 25,4mm	✓	<ul style="list-style-type: none"> Limit switches Anti-crashing safety device Magnetic encoder with 6m long cable Integrated receiver and courtesy light Unlocking device by cable
637051	LATO220NET/C*		NET230N	For shaft Ø 25,4mm	✓	<ul style="list-style-type: none"> Limit switches Anti-crashing safety device Magnetic encoder with 6m long cable Integrated receiver and courtesy light Unlocking device by cable Emergency manual manouvre by chain (L=3,5m)

All models: 1 side fixing plate art. LE included
 For models LATO220NET:Control board NET230N included

Without control board

COD.	Art.				OTHER CHARACTERISTICS
637001	LATO220EN		✓	For shaft Ø 25,4mm	<ul style="list-style-type: none"> Limit switches Magnetic encoder with 6m long cable Unlocking device by cable
637011	LATO220CEN*		✓	For shaft Ø 25,4mm	<ul style="list-style-type: none"> Limit switches Magnetic encoder with 6m long cable Unlocking device by cable Emergency manual manouvre by chain (L=3,5m)

Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)
 All models: 1 side fixing plate art. LE included

400V ~ operators without control board, with limit switches and encoder

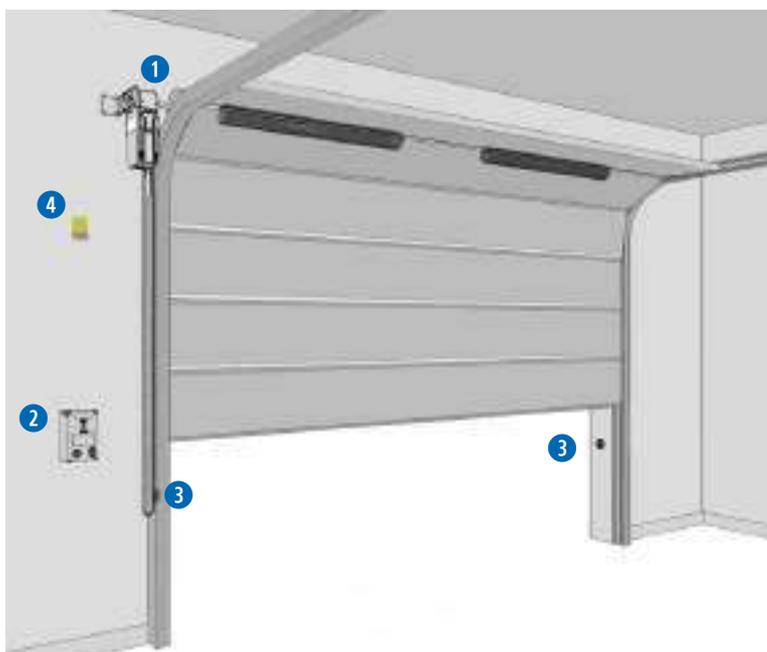


COD.	Art.				OTHER CHARACTERISTICS
637031	LATO400EN		✓	For shaft Ø 25,4mm	<ul style="list-style-type: none"> ATTENTION: NOT COMPATIBLE WITH NETLINK Unlocking device by cable Magnetic encoder with 6m long cable Limit switches
637041	LATO400CEN*		✓	For shaft Ø 25,4mm	<ul style="list-style-type: none"> ATTENTION: NOT COMPATIBLE WITH NETLINK Emergency manual manouvre by chain (L=3,5m) Magnetic encoder with 6m long cable Limit switches Unlocking device by cable

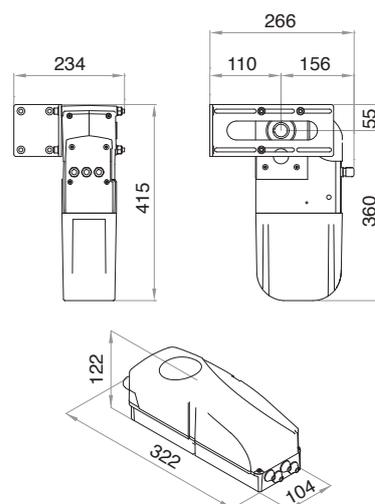
Control board to complete the installation: control board cod. 677140 art. 400RR/C (with box)
 All models: 1 side fixing plate art. LE included

TECHNICAL INFO	220NET - 220/EN - 220/CEN - 220NET/C	400EN - 400CEN
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	400V AC ± 10 % (50/60 Hz)
Maximum power absorption (W)	500	900
Max torque (Nm)	62	104
Duty cycle (cycles/hours)	14	35
N. max cycles in 24h.	180	240
Built-in capacitor (µF)	18	/
Operating temperature (°C)	-20 ÷ 40	
Motor thermal protection (°C)	150	140
Output shaft speed (rpm)	22,4	
Weight with packing (Kg)	12	13
Sound pressure (dBA)	< 70	
Protection level	IP40 (IP10 models 220/CEN - 220NET/C)	IP40 (IP10 model 400/CEN)

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



1  **COD. 637011**
Art. LATO220/CEN
Operator for industrial sectional doors with chain for manual manoeuvre

2  **COD. 677610**
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

2  **COD. 679180**
Art. 100GP
Buttons wired cover

3  **COD. 662044**
Art. LINEAR
Pair of adjustable photocells (180°) with possibility of synchronized operating. Range 20m

4  **COD. 661130**
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

 **COD. 668010**
Art. 127
Warning sign

SPECIFIC ACCESSORIES



COD. 639430
Art. LAC19
Pinion Z=19 + shaft extension



COD. 639410
Art. L19
Pinion Z=19 + groove wedge



COD. 639010
Art. 800C/TEN
Chain tightener



COD. 639500
Art. CG
25m chain for manual manoeuvre



COD. 639030
Art. 800C/CZ38
Pinion 1/2" Z=38



COD. 639450
Art. LBA25
Adapter for shafts
Ø=25,4mm



COD. 639020
Art. 800C/F
Chain anchoring brackets



COD. 639530
Art. LATO/SF
Kit for unlocking device
(to be used with art.
LATOM or BLINDOS)



COD. 639000
Art. 800C/ACC
2 m chain and joint



COD. 639440
Art. LBA40
Adapter for shafts
Ø=40mm



COD. 639420
Art. LE
Side fixing plate (already included
in the motor)



COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with
European cylinder, ready for
unlocking device by cable.





LIVI 550PL

Automations for industrial folding doors



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



LIVI 550PL

Supplied with 4m wire cable to unlock the motor from any position you wish

The metal mechanics with machined steel gears guarantee reliability and durability over time



The version with encoder guarantees high performance and safety in movement



The DE@NET universal control board makes this operator compatible with NETLINK System.

(Only versions with NET230N)



Compatible with NETCOM, the device for installation maintenance and remote control management!



230V ~ operators without control board



COD.	Art.			OTHER CHARACTERISTICS
623410*	550PL	••		• Unlocking device by cable (4m)
623411	550PLEN	••	✓	• With encoder, unlocking device by cable 4m.

For models: Control board and telescopic arm not included. Unlocking device with cable (4m) included

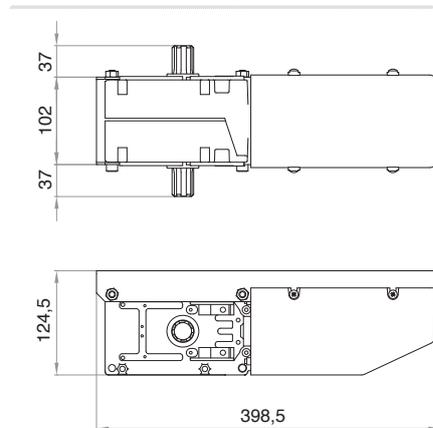
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

* To comply with standards EN 13241-1, it is compulsory to use the external safety devices in compliance with standards EN 12978.

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



1

COD. 623411
Art. 550PLEN
Automations for industrial folding doors

2

COD. 677610
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

2

COD. 679180
Art. 100GP
Buttons wired cover

3

COD. 629190
Art. 560BT
Reinforced galvanized steel telescopic arm with splined bushing

4

COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

5

COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

TECHNICAL INFO	550PL - 550PLEN
Motor power supply (V)	230V - ± 10 % (50/60 Hz)
Maximum power absorption (W)	300
Max torque (Nm)	295
Duty cycle (cycles/hours)	22 - 28 (vers. 550PLEN)
N. max cycles in 24h.	260
Built-in capacitor (µF)	8
Operating temperature (°C)	-20 ÷ 50
Motor thermal protection (°C)	150
90° Opening time (s)	18
Weight with packing (Kg)	6
Sound pressure (dBA)	< 70
Protection level	IP44

SPECIFIC ACCESSORIES





LIV1550PL

LIV 1550PL

WHY NOT

?



WILL 140 E

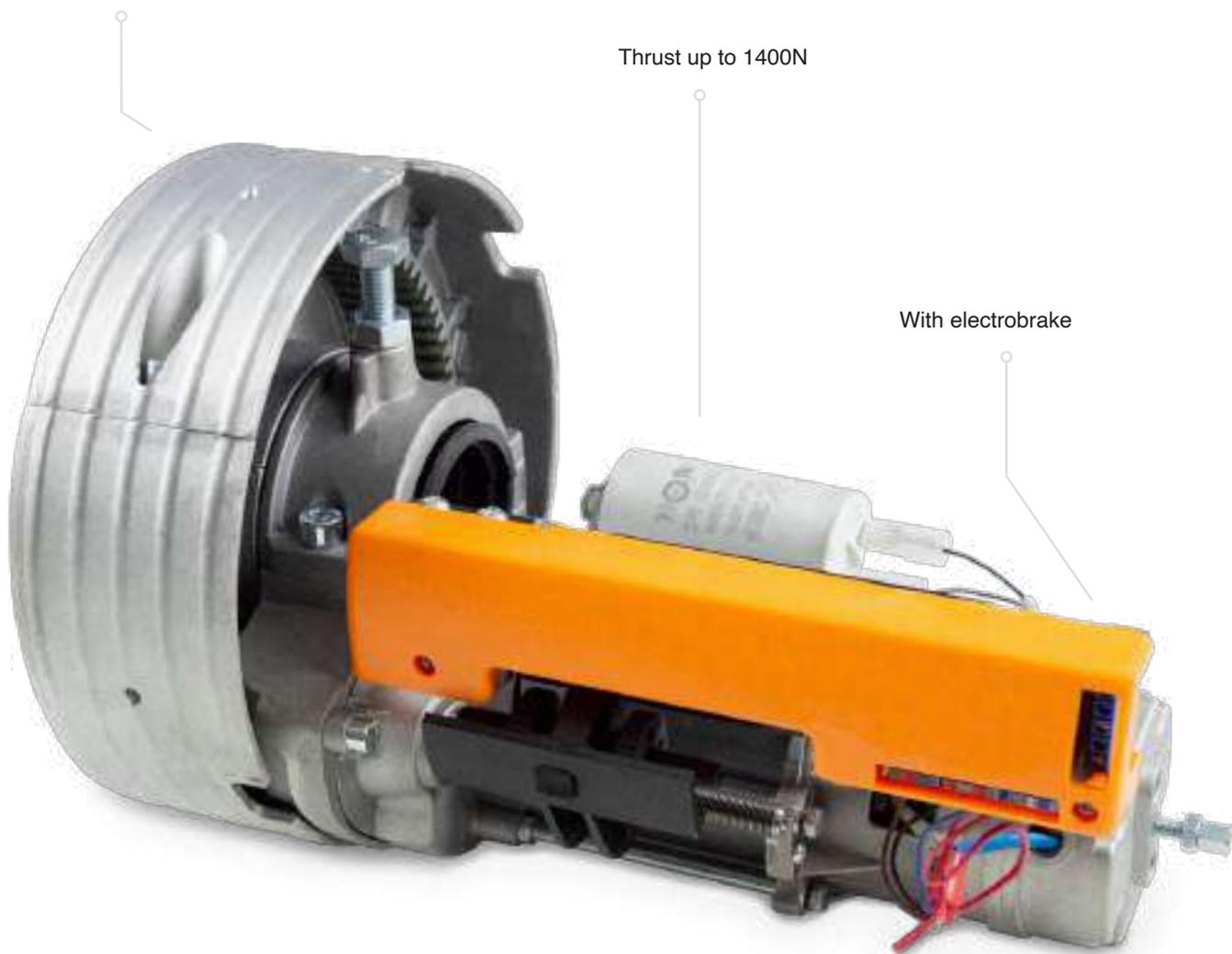
Universal operator for
balanced roller shutters



WILL 140 E

New Design

Available in Q2 2022



Thrust up to 1400N

With electrobrake

Unlocking device by cable
to be used with a keyswitch
or art.BLINDOS



Q2 2022

230V ~ operators without control board

	COD.	Art.				OTHER CHARACTERISTICS
NEW	634030*	WILL 140 E	1400N (140kg)		60 mm	<ul style="list-style-type: none"> • With electrobrake and micrometer limit switches. • Complete with internal adapters for shaft $\varnothing=48\text{mm}$ and external adapter for spring boxes $\varnothing=220\text{mm}$

All models: Control board not included. Electrobrake included

Control board to complete the installation: control board cod. 677540 art. 211ER/C (with box)

* Al fine di rispettare il limite delle forze d'impatto previsto dalla EN 13241-1, è necessario utilizzare i dispositivi di sicurezza esterni conformi alla EN 12978.

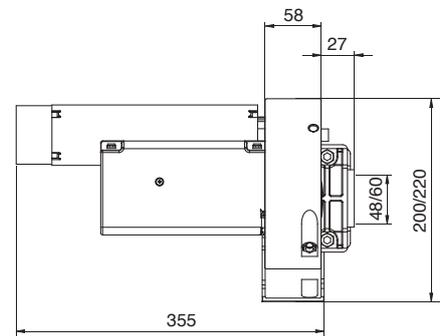
TECHNICAL INFO	WILL 140 E
Motor power supply (V)	230V - 240V $\sim \pm 10\%$ (50/60 Hz)
Max torque (Nm)	140
Absorption (A)	1,95
Power (W)	450
Speed (rpm)	10
Operating temperature (°C)	-20 ÷ 55

TECHNICAL INFO	WILL 140 E
Motor thermal protection (°C)	160°
Built-in capacitor (μF)	14
Max. operating time (min.)	4'
Max. shutter height (m)	6
Protection rating	IP20
Weight (Kg)	8,5

EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



1 **COD. 634030**
Art. WILL 140 E
Operator for 140kg roller shutter

2 **COD. 677540**
Art. 211ER/C
Control panel (with box 100A) for the automation of 230V operators for roller shutters with built in 433MHz. radio receiver

3 **COD. 663091**
Art. GT-KEY/SB
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.



ELECTROMECHANICAL BARRIER AND BOLLARD FOR VEHICLE PASSAGE



Choose the barrier or the bollard suitable for your entrance:



PASS N

- Up to 5m of boom length
- 24V
- Residential and collective use
- Fast version available
- Up to 290 manoeuvres per hour
800 manoeuvres per day



STOP N

- Up to 8m of boom length
- 230V / 24V
- Semi-intensive and intensive use
- Fast version available
- Up to 500 manoeuvres per hour
1500 manoeuvres per day



TRAFIK

- Up to 6m of boom length
- 230V
- For continuous use
- Controlled by inverter
- Up to 15000 manoeuvres per day



ROCK

- height 700 mm
- Diameter 274 mm
- Cataphoresis treatment
- 230V
- Intensive use

SELECTION GUIDE FOR ELECTROMECHANICAL BARRIER

Choose the maximum boom length



3m	24V	2,2"	●●	✓	PASS24NET/N/V
4m	24V	2,8"	●●	✓	PASS24NET/N/VR
	24V	6"	●●	✓	PASS24NET/NL
5m					



4m	24V	2,7"	●●●	✓	STOP24NET/N/V-F
4m ÷ 6m	230V	6,5"	●●	✓	STOPNET/NL-F
	24V	5,3"	●●●	✓	STOP24NET/NL-F
6m ÷ 8m	230V	8"	●●	✓	STOPNET/NL-F
	24V	7,5"	●●●	✓	STOP24NET/NL-F



2m ÷ 4m	230V TRIPHASE	1,5 ÷ 4"			TRAFIK
4m ÷ 6m		4 ÷ 7"	●●●●	✓	





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KA 129AX

PASS N

Electromechanical barrier up to 5m of boom length



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



PASS N

The encoder guarantees greater control and safety in movement

Easy manual opening thanks to the key release from the outside

More visibility of the boom by installing the STRIP-LED (optional)

New design

Possibility to indicate the closing position (red LED) and the opening position (green LED). *

RAL 7016 grey steel, powder paint, textured finish.

The DE@NET universal control board make this operator compatible with NETLINK System.

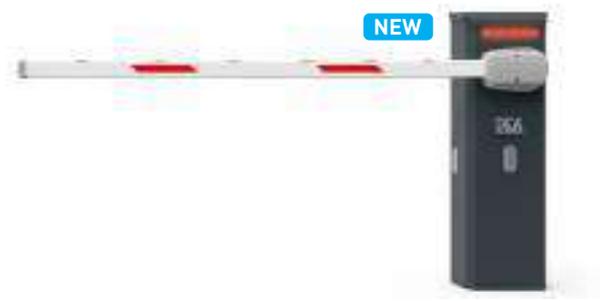


Compatible with NETCOM, the device for the installation, maintenance and remote management, from your office!

*For this functionality it is necessary to purchase separately art. NET-EXPANSION or art. NET-EXPANSION MINI



NEW



PASS N

24V ~ barriers with control board for semi-intensive use



COD.	Art.					OTHER CHARACTERISTICS
644040	PASS24NET/N/V	3 m fast		NET24N	✓	<ul style="list-style-type: none"> • Speed adjustment during normal cycle and slow down in opening and closing • Motor control by encoder and obstacle detection • Possibility to lock the programming to prevent tampering
644042	PASS24NET/N/VR	4 m fast		NET24N	✓	
644041	PASS24NET/N/L	4 and 5 m slow		NET24N	✓	
644050	PASS24NET/N/V/INOX	3 m fast		NET24N	✓	
644052	PASS24NET/N/VR/INOX	4 m fast		NET24N	✓	
644051	PASS24NET/N/L/INOX	4 and 5 m slow		NET24N	✓	

PASS24NET/N/V, PASS24NET/N/VR, PASS24NET/N/L models: RAL 7016 grey colour by cataphoresis treatment.

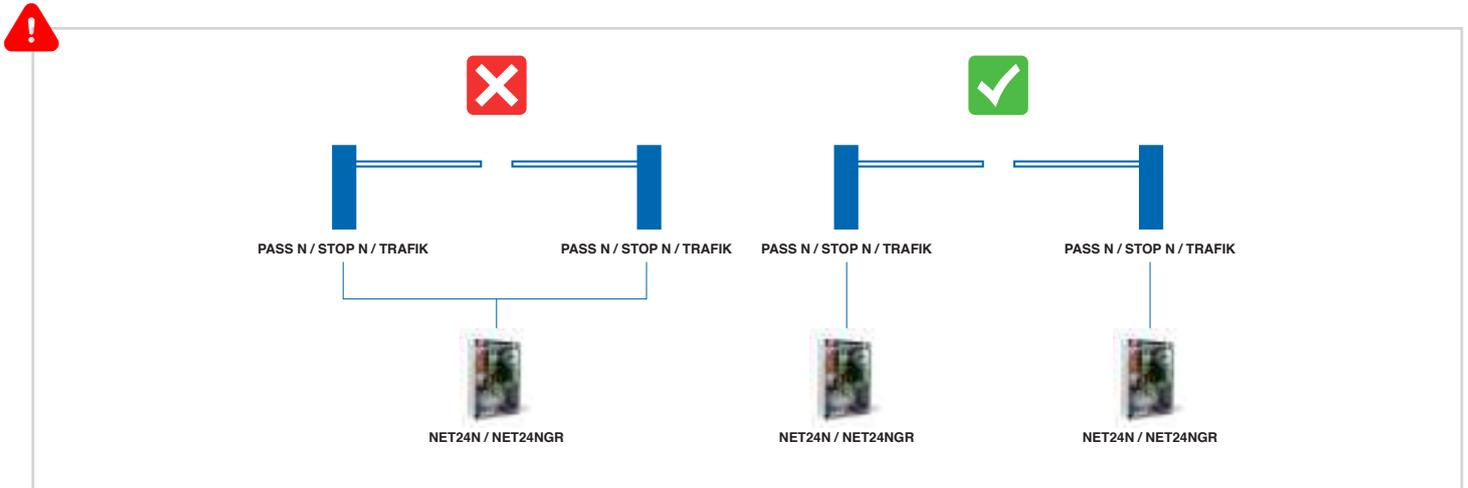
INOX models: AISI 304 stainless steel, RAL 7016 grey colour by cataphoresis treatment.

All models:

- led lights, boom, boom holder and foundation plate not included
- the barrier must be balanced correctly in order to allow a proper way of operation

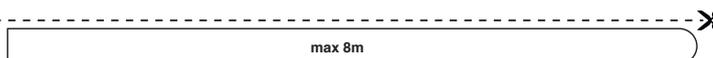
ATTENTION: you must use 1 NET24N control board with every barrier.

TECHNICAL INFO	PASS24NET/N/V	PASS24NET/N/L	PASS24NET/N/VR
Motor power supply (V)	24V ~		
Maximum power absorption (W)	105		
Duty cycle (cycles/hours)	290	140	240
N. max cycles in 24h.	800		
Operating temperature (°C)	-20 ÷ 50		
90° Opening time (s)	2,2	6	2,8
Weight with packing (Kg)	41		
Sound pressure (dBA)	< 70		
Protection level	IPX4		



PASS 3, PASS 4, BOOM/4, BOOM/6, BOOM-LINK

1 X STRIP-LED/P
cod. 649173

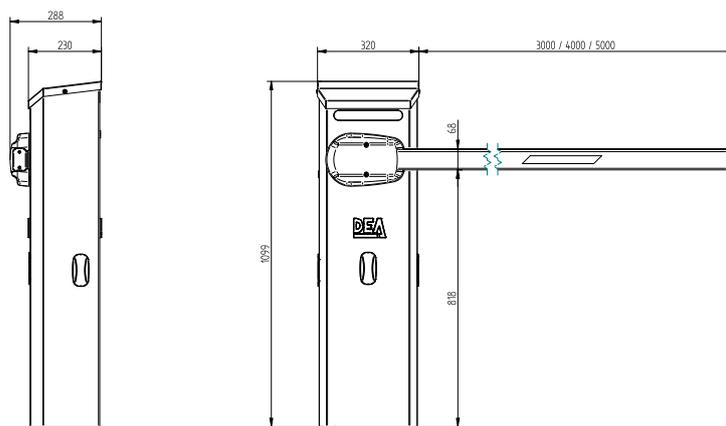


max 8m

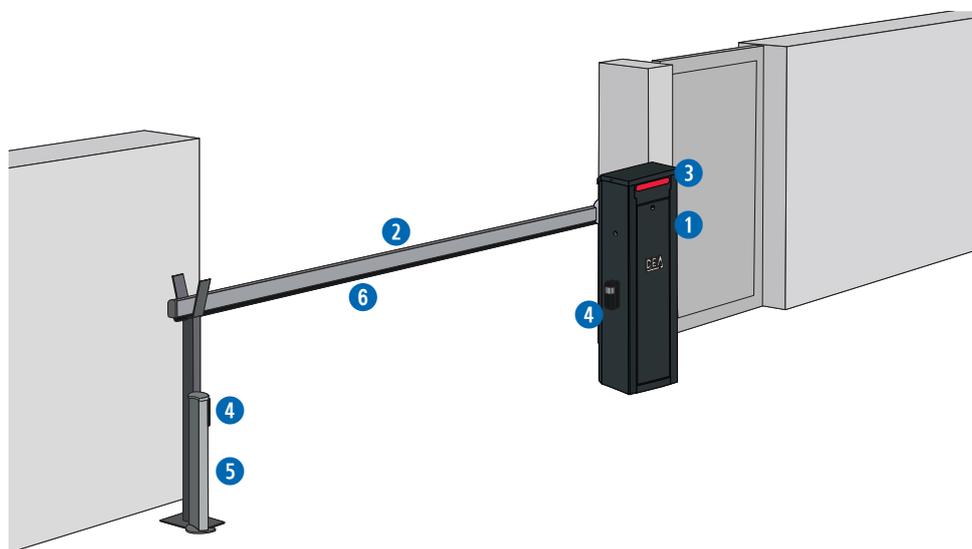
1 x STRIP-LED
cod. 649174

PASS N

DIMENSIONS



EXAMPLE OF A TYPICAL INSTALLATION



1  **COD. 644040**
Art. PASS24NET/N/V
Electromechanical barrier

NEW

2  **COD. 649140**
Art. PASS3
DEA rectangular painted boom
3000x65x38mm, with reflective
stickers art.1012

3  **COD. 649290**
Art. LED/B
LED strip for top of the barrier case
Consumption: min. 184 mA - max.
552 mA. **For power supply, please
refer to the technical manual.**

4  **COD. 662044**
Art. LINEAR
A pair of (180°) adjustable
photocells with the range of
20m. (Enabling synchronized
operating).

5  **COD. 664000**
Art. PILLY/60
Pair of 55cm column for
photocells (2 pcs)

 **COD. 649160**
Art. BSF
Bracket for LINEAR photocells

 **COD. 381744**
Art. OMPASS
Boom holder for DEA booms
art. PASS3 and art. PASS4

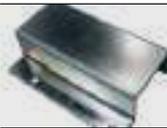
 **COD. 649073**
Art. PASS/B
Foundation plate

 **COD. 672645**
Art. GTI4
Serialized white 4-channel remote
control, 433 MHz, with 3 coding
options: HCS Rolling-Code, Dip-Switch
and new D.A.R.T. coding.

6  **COD. 321810**
Art. GSOFTP
Black rubber profile, EPDM S65
(24m)

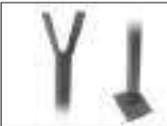
 **COD. 668010**
Art. 127
Warning sign

SPECIFIC ACCESSORIES

 <p>COD. 649140 Art. PASS3 DEA rectangular painted boom 3000x65x38mm, with reflective stickers art.1012</p>	 <p>COD. 649141 Art. PASS4 DEA rectangular painted boom 4000x65x38mm, with reflective stickers art.1012</p>	 <p>COD. 381744 Art. OMPASS Boom holder for DEA booms art.PASS3 and art.PASS4</p>
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 <p>COD. 649240 Art. PASS5 DEA painted lightweight boom 5000x80x40mm, without reflective stickers. To be used only with art. PASS24NET/N/L (not compatible with other accessories)</p>	 <p>COD. 649250 Art. OMPASS5 Boom holder and fixing counter-plate for DEA boom art. PASS5</p>	 <p>COD. 381741 Art. OMPASS60 Boom holder for commercial boom 60x30mm</p>
--	--	--

Not compatible with other accessories or with the front plastic cover of the boom holder

 <p>COD. 649012 Art. ART-PASS Joint for folding boom (art. PASS3 and art. PASS4)</p>	 <p>COD. 649000 Art. 1006 Mobile boom support</p>	 <p>COD. 649020 Art. 1010 Height adjustable fixed boom support</p>
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 <p>COD. 649021 Art. 1010/M Height adjustable fixed boom support with magnet</p>	 <p>COD. 667061 Art. LOOP 230/1 Loop detector, 1 channel</p>	 <p>COD. 667071 Art. LOOP 230/2 Loop detector, 2 channels</p>
--	---	--

 <p>COD. 649290 Art. LED/B LED strip for top of the barrier case Consumption: min. 184 mA - max. 552 mA. For power supply, please refer to the technical manual.</p>	 <p>COD. 649174 Art. STRIP-LED Led strip for booms (L=8m) without power adapter</p>	 <p>COD. 649173 Art. STRIP-LED/P Power adapter and fixing plates for art. STRIP-LED (840mA - 24V DC - IP67)</p>
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 <p>COD. 681034 Art. SMFLED230/2 230V led traffic light: red-green lights</p>	 <p>COD. 681035 Art. SMFLED24/2 24V led traffic light: red-green lights</p>	 <p>COD. 321810 Art. GSOFTP Black rubber profile, EPDM S65 (24m)</p>
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 <p>COD. 649160 Art. BSF Bracket for LINEAR photocells</p>	 <p>COD. 649200 Art. BAT/PASS Battery set for PASS barriers consisting of 2 x 4Ah batteries, fixing plates and connecting cables</p>	 <p>COD. 649073 Art. PASS/B Foundation plate</p>
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 <p>COD. 101026 Art. 1012 Reflective red stickers (1 pcs)</p>



STOP N

Electromechanical barrier up to 8m of boom length



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



STOP N

New design

Steel, cataphoresis, RAL 7016 grey, powder paint, textured finish

Control panel under the top cover for easier programming

The encoder technology guarantees high performance and safety in movement

4m or 6m boom with the option of combining two booms through art. BOOM-LINK to obtain a maximum length of 8m

Identify between the closing position (red LED) and the opening position (green LED). *

The metal mechanics with machined steel gears guarantee reliability and durability over time

If you have accessories installed on the rod you can find the right balances by adding or removing springs from the inner plate (KITMOLLA)

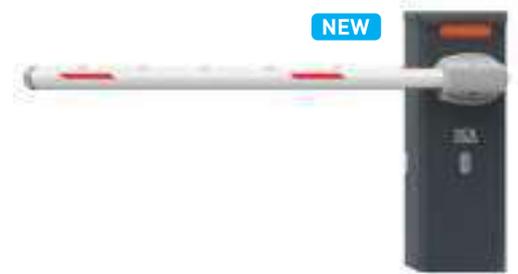
The DE@NET universal control board makes this operator compatible with the NETLINK System.



Compatible with NETCOM, the device for installation, maintenance and remote management, from your office!

The standard electromechanical limit switches give precision in adjusting the opening and closing position

* For this functionality, either art. NET-EXPANSION or art. NET-EXPANSION MINI is required.



230V ~ barriers with control board for semi-intensive use

	COD.	Art.			DEA	NEW COD ER	OTHER CHARACTERISTICS
NEW	645052	STOPNET/N/L-F	6 - 8 m slow	●●	NET230N	✓	<ul style="list-style-type: none"> Electromechanical limit switches integrated Supplied with 2 springs + 1 additional one Motor control by encoder and obstacle detection
	645062	STOPNET/N/L-F/INOX	6 - 8 m slow	●●	NET230N	✓	

STOPNET/N/L-F model: RAL 7016 grey colour by **cataphoresis treatment**.

INOX models: AISI 304 stainless steel, RAL 7016 grey colour by **cataphoresis treatment**.

All models:

- Led lights, boom, boom holder and foundation plate are not included.
- The barrier must be balanced correctly in order to allow a proper way of operation.
- In case of additional accessories, verify the quantity of additional KIT MOLLA needed referring to the chart "ADDITIONAL KIT MOLLA" (see p.196)

ATTENTION: you must use 1 NET24N control board with every barrier.

24V = barriers with control board for intensive use

	COD.	Art.			DEA	NEW COD ER	OTHER CHARACTERISTICS
NEW	645050	STOP24NET/N/V-F	4 m fast	●●●●	NET24N	✓	<ul style="list-style-type: none"> Electromechanical limit switches integrated Supplied with 2 springs Motor control by encoder and obstacle detection
	645060	STOP24NET/N/V-F/INOX	4 m fast	●●●●	NET24N	✓	
	645051	STOP24NET/N/L-F	6 - 8 m slow	●●●●	NET24N	✓	<ul style="list-style-type: none"> Electromechanical limit switches integrated Supplied with 2 springs + 1 additional one Motor control by encoder and obstacle detection
	645061	STOP24NET/N/L-F/INOX	6 - 8 m slow	●●●●	NET24N	✓	

STOP24NET/N/V-F, STOP24NET/N/L-F models: RAL 7016 grey colour by **cataphoresis treatment**.

INOX models: AISI 304 stainless steel, RAL 7016 grey colour by **cataphoresis treatment**.

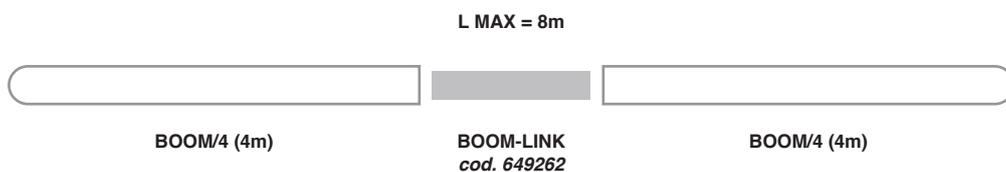
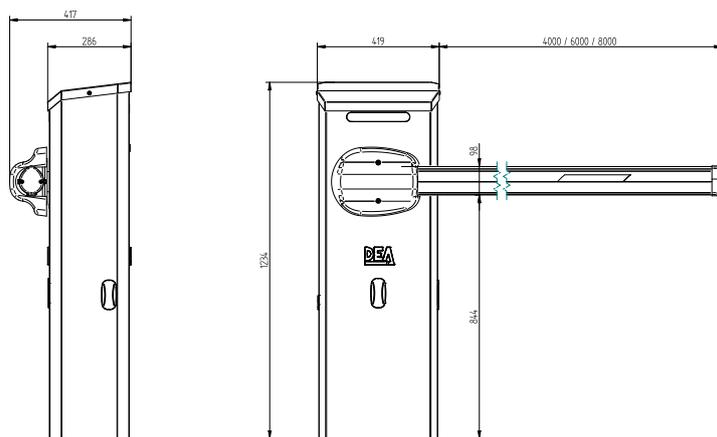
All models:

- Led lights, boom, boom holder and foundation plate are not included.
- The barrier must be balanced correctly in order to allow a proper way of operation.
- In case of additional accessories, verify the quantity of additional KIT MOLLA needed referring to the chart "ADDITIONAL KIT MOLLA" (see p.196)

ATTENTION: you must use 1 NET24N control board with every barrier.

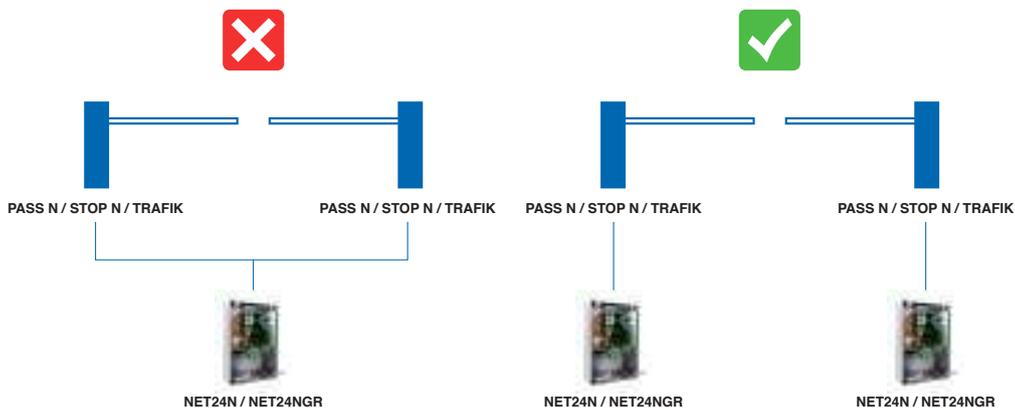
TECHNICAL INFO	STOPNET/N/L-F		STOP24NET/N/V-F	STOP24NET/N/L-F	
Boom length	4 - 6m	6 - 8m	4m	4 - 6m	6 - 8m
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)			24V =	
Maximum power absorption (W)	500			120	
Duty cycle (cycles/hours)	150	125	500	250	170
N. max cycles in 24h.	800	500	1500	1000	800
Built-in capacitor (µF)	18			/	
Operating temperature (°C)			(-20°) - (50°)		
Motor thermal protection (°C)	150			/	
90° Opening time (s)	6,5	8	2,7	5,3	7,5
Weight with packing (Kg)	81			79	
Sound pressure (dBA)			< 70		
Protection rating			IPX4		

DIMENSIONS



SUPPLEMENTARY KIT MOLLA FOR BARRIERS WITH BOOMS from 4 up to 8m length

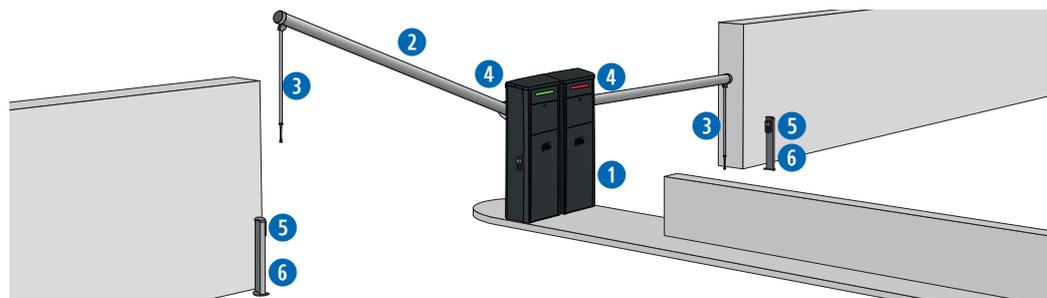
The number of KIT MOLLA (cod. 649220) is different depending on the type of accessories to be mounted on the boom.
The table at page 196 illustrates the number of kits required for different situations.



PASS 3, PASS 4, BOOM/4, BOOM/6, BOOM-LINK



Example of a typical installation



1 **COD. 645051** **Art. STOP24NET/NL-F**
Electromechanical barrier

NEW

2 **COD. 649261**
Art. BOOM/6
DEA round painted boom
6125xØ80mm, with reflective
red stickers art. 1012

3 **COD. 649000**
Art. 1006
Mobile boom support

4 **COD. 649290**
Art. LED/B
LED strip for top of the barrier case
Consumption: min. 184 mA - max.
552 mA. **To be used with cod.
163523 POWER SUPPLY**

5 **COD. 662044**
Art. LINEAR
A pair of (180°) adjustable
photoceles with the range of
20m. (Enabling synchronized
operating).

6 **COD. 664000**
Art. PILLY/60
Pair of 55cm column for
photoceles (2 pcs)

COD. 649270
Art. OMEGA
Boom holder for DEA
booms art. BOOM/4 and
art. BOOM/6

COD. 649072
Art. STOP/B
Foundation plate

COD. 649160
Art. BSF
Bracket for LINEAR photoceles

COD. 321810
Art. GSOFTP
Black rubber profile, EPDM S65
(24m)

COD. 672645
Art. GTI4
Serialized white 4-channel remote
control, 433 MHz, with 3 coding
options: HCS Rolling-Code, Dip-Switch
and new D.A.R.T. coding.

COD. 668010
Art. 127
Warning sign

Specific accessories

COD. 649263
Art. BOOM/4
DEA round painted boom
4125xØ80 mm, with stickers
art. 1012

COD. 649264
Art. BOOM/6
DEA round painted boom
6125xØ80 mm, with stickers
art. 1012

COD. 649270
Art. OMEGA
Boom holder for DEA
booms art. BOOM/4 and
art. BOOM/6

COD. 649262
Art. BOOM-LINK
Joint for boom (art. BOOM/4
and art. BOOM/6)

COD. 649011
Art. ART-STOP/N
Joint for folding bar, to be used
with art. BOOM/4

COD. 387100
Art. 1005/N
Aluminium skirt 2m long

COD. 649220
Art. KIT MOLLA
Supplementary spring set for
STOP N barriers

COD. 649174
Art. STRIP-LED
Led strip for booms (L=8m)
without power adapter

COD. 649000
Art. 1006
Mobile boom support

COD. 649020
Art. 1010
Height adjustable fixed boom
support

COD. 649021
Art. 1010/M
Height adjustable fixed
boom support with magnet

COD. 101026
Art. 1012
Reflective red stickers
(1 pcs)

COD. 649290
Art. LED/B
LED strip for top of the barrier case
Consumption: min. 184 mA - max.
552 mA. **To be used with cod.
163523 POWER SUPPLY**

COD. 163523
Art. POWER SUPPLY
Power supply 24V - 20W for
NET-COM and LED/B (only
required on NET230N)

COD. 321810
Art. GSOFTP
Black rubber profile, EPDM S65
(24m)

COD. 649160
Art. BSF
Bracket for LINEAR photoceles

COD. 649072
Art. STOP/B
Foundation plate

COD. 649201
Art. BAT/STOP N
Batteries set for STOP N barriers
complete with 2 x 4Ah batteries,
fixing plates and connecting cables

COD. 667071
Art. LOOP 230/2
Loop detector, 2 channels

COD. 667061
Art. LOOP 230/1
Loop detector, 1 channel

COD. 681034
Art. SMFLED230/2
230V led traffic light: red-green
lights

COD. 681035
Art. SMFLED24/2
24V led traffic light: red-green lights



TRAFIK

The new electromechanical road barrier, rated for continuous usage and perfect for heavy traffic!

Up to 6m of boom length



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



TRAFIK

Possibility of installation in rooms with low ceiling thanks to the accessory art. ART-TRAFIK

Flexible and quick during installation thanks to the double output of the shaft which allows you to install the rod in both sides

Easy adjustment of the closing and opening position thanks to the electromechanical limit switches

Possibility of installing an additional limit switch to signal the status of the barrier

Full access to internal mechanical and electrical components thanks to the presence of two doors and a removable cover

Suitable for locations with heavy traffic, such as car parks, commercial areas, industrial sites

Passage width up to 6m

Opening speed max. 1,5"



Operator in oil bath to ensure longer life

High resistance to corrosion with the case with cataphoresis treatment and polyester powder coating



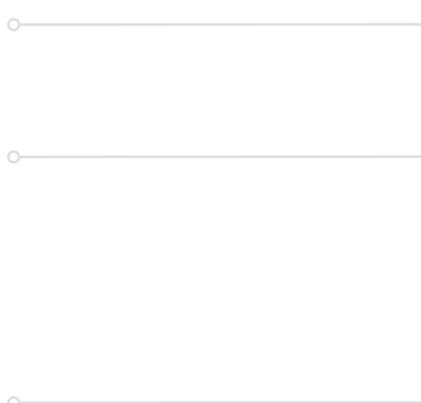
The DE@NET universal control board makes this operator compatible with NETLINK System.



NETCOM

Compatible with NETCOM, the device for installation maintenance and remote control management!

RGB LED, multifunction (flashing or fixed) - optional*



DEA

The combination of inverter technology and encoder guarantees greater control, smoothness and safety in movement



* For this functionality it is necessary to purchase separately art. NET-EXPANSION or art. NET-EXPANSION MINI



230V ~ barriers with control board for continuous use



COD.	Art.						OTHER CHARACTERISTICS
646000	TRAFIK	6 m	●●●●	NET24NGR	✓	✓	<ul style="list-style-type: none"> Input power supply 230V Three-phase asynchronous 230V motor Control unit DE@NET NET24NGR Inverter-controlled Obstacle detection performed by the encoder Electro-mechanical limit switches included
646001	TRAFIK INOX*	6 m	●●●●	NET24NGR	✓	✓	

Main case complete with two doors and top cover with cataphoresis treatment, painted in anthracite RAL 7016.

*Main case complete with two doors and top cover in AISI 304 stainless steel with cataphoresis treatment, painted in anthracite RAL 7016.

Attention: boom, boom holder cover, flashing light circuit and foundation plate not included. Spring not included.

BALANCING SPRING



COD.	Art.	OTHER CHARACTERISTICS
649310	MOLLA S	Balancing spring with coil wire of Ø 10 mm
649311	MOLLA XL	Balancing spring with coil wire of Ø 11 mm

Correct functioning is ensured by the correct spring balancing and the adjustment of the slow down. See the table at page 195.

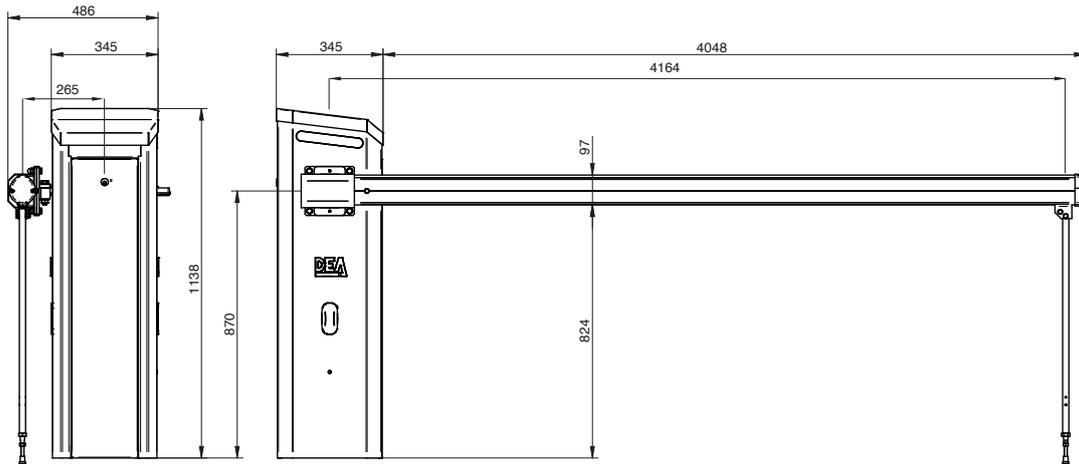
COLOR KIT: two doors and top cover (barrier not included).



COD.	Art.	OTHER CHARACTERISTICS
649350	KIT TRAFIK ORANGE	Two doors and top cover painted in orange RAL 2000 Attention: the barrier must be purchased separately.
649351	KIT TRAFIK LIGHT GREY	Two doors and top cover painted in light grey RAL 9006 Attention: the barrier must be purchased separately.

TECHNICAL INFO	TRAFIK	
Boom length	2 ÷ 4m	4 ÷ 6m
Motor power supply (V)	230V ~ Trifase	
Maximum power absorption (W)	230	
N. max cycles in 24h.	15.000	4.000
MCBF (Mean Cycles Between Failures)	3.500.000 Op	
Operating temperature (°C)	-20 ÷ 50	
90° Opening time (s)	1,5 ÷ 4	4 ÷ 7
Weight with packing (Kg)	70	
Sound pressure (dBA)	< 70	
Protection level	IP55	

DIMENSIONS



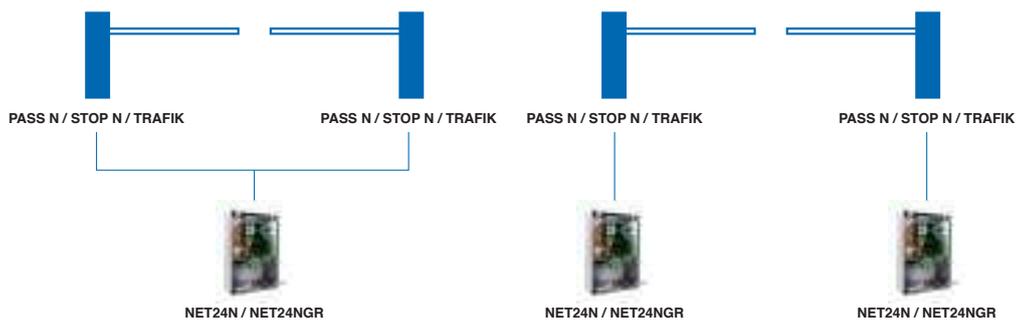
L MAX = 6m



BOOM/4 (4m)

BOOM-LINK
cod. 649262

BOOM/4 (4m)



NET24N / NET24NGR

NET24N / NET24NGR

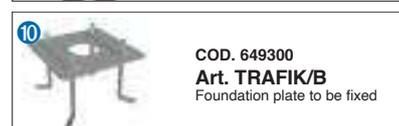
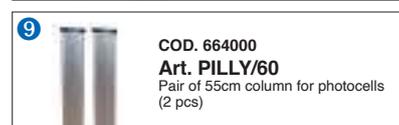
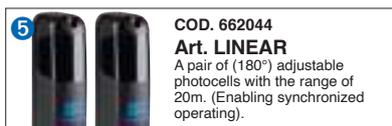
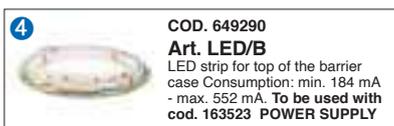
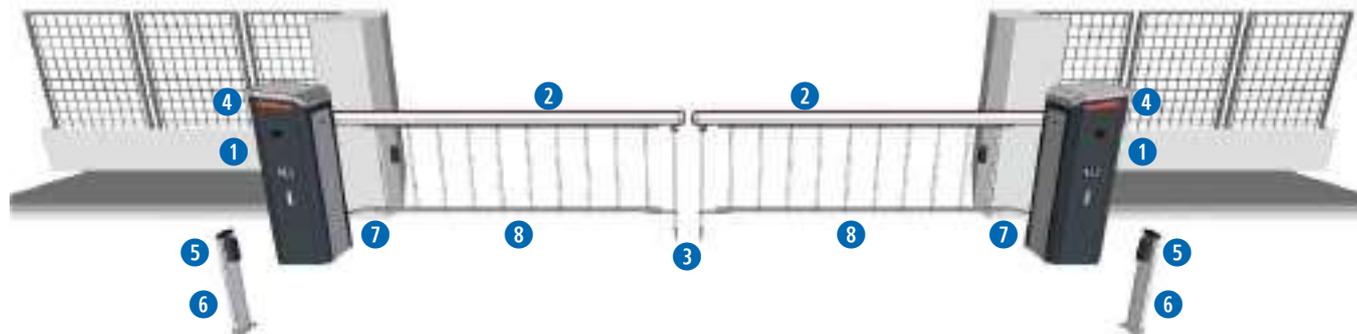
NET24N / NET24NGR



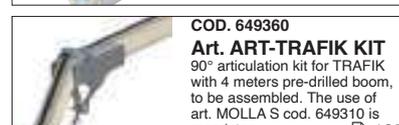
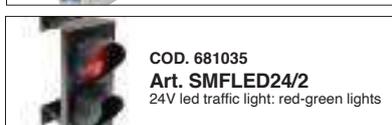
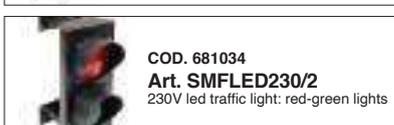
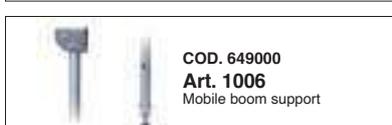
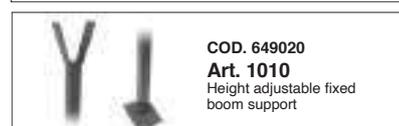
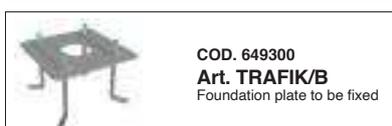
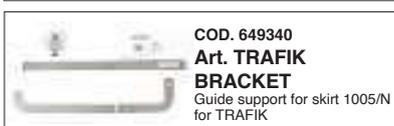
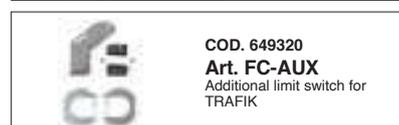
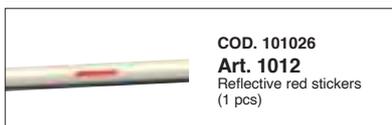
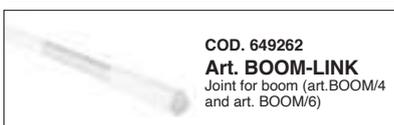
BOOM/4, BOOM/6, BOOM-LINK



EXAMPLE OF A TYPICAL INSTALLATION



SPECIFIC ACCESSORIES





ROCK

Hydraulic retractable bollard height 700 mm



The DE@NET universal control board makes this operator **compatible with NETLINK System**.

 176



Compatible with **NETCOM**, the device for the installations maintenance and remotes management, **from your office!**

 177



Compatible with **DEAuser** and **DEAinstaller**, the smartphone Apps to manage installations **locally**.

 178



Compatible with **NETBOX**, the device **for managing remotes** from your office.

 182



ROCK

Hydraulic pump integrated in the top section, to assist with maintenance activities



High visibility thanks to the reflective band and the diffuser with red LED

Removable structure with double anti-corrosion treatment: cataphoresis and thermal painting black polyester



The DE@NET universal control board makes this operator compatible with NETLINK System.



Compatible with NETCOM, the device for installation maintenance and remote control management!



Linear guide system with chrome-plated steel cylinders

Suitable for intensive usage thanks to the hydraulic circuit power.

The version with cable simplifies the wiring phase and ensures watertight integrity



230V ~ bollard without control board



COD.	Art.					OTHER CHARACTERISTICS
651000	ROCK	●●●	275mm	700mm	6mm	<ul style="list-style-type: none"> Removable structure, cataphoresis treatment Emergency manual release LED diffusers with integrated buzzers 2 magnetic limit switches Walking surfaces in aluminium, cataphoresis, micaceous grey Retro-reflecting film with high-luminous efficacy 15m cable (only for art. ROCK/CABLE) Framework with cataphoresis treatment to be cemented (art. ROCK/B) not included Colour: NERO SIDERALE PERL Electrovalve for quick descent in case of power failure (only item ROCK/CABLE/EL)
651001	ROCK/ CABLE	●●●	275mm	700mm	6mm	
651002	ROCK/ CABLE/EL	●●●	275 mm	700 mm	6 mm	

All models: framework art.ROCK/B not included

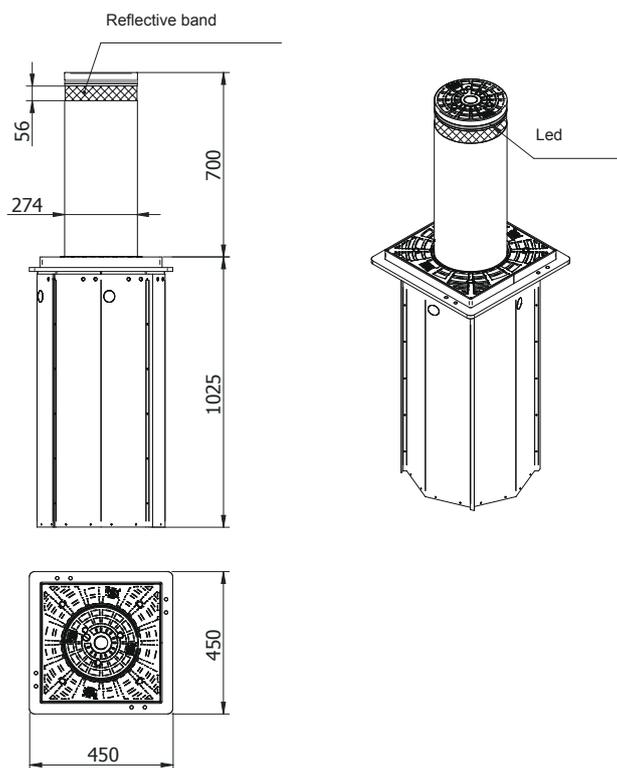
Fixed bollard

COD.	Art.					OTHER CHARACTERISTICS
651020	ROCK/F		274 mm	700 mm	4 mm	<ul style="list-style-type: none"> Fixed bollard with cataphoresis treatment Retro-reflecting film with high-luminous efficacy

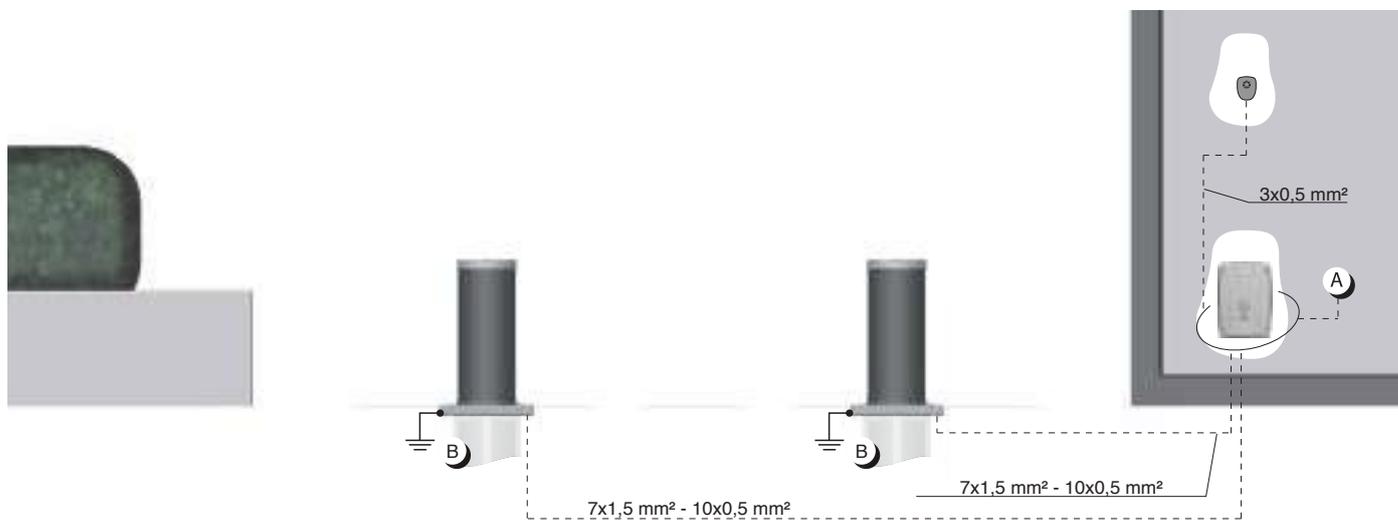
All models: Foundation base art.ROCK/FB not included

TECHNICAL INFO	ROCK	ROCK/CABLE	ROCK/CABLE/EL
Movement	Hydraulic		
Height	700mm		
Diameter	Ø274mm (±2mm)		
Material	Steel Fe 360		
Treatment	Cataphoresis and polyester powder paint, black		
Ascent time	6 sec		
Descent time	5 sec		
Quick descent time (with solenoid valve and power failure)	1,5 sec		
Usage	Intensive		
N. max cycles in 24h.	2000 (T= 20 ÷ 22°C) - 1000 (+ art. ROCK/EL)		1000
Reflective band	50mm		
Emergency manual manoeuvre	Mechanical unlocking on hydraulic circuit		
Impact resistance	29KJ with clamps ; 40KJ with armor reinforcement		
Crash resistance	29KJ with clamps ; 138KJ with armor reinforcement		
Cable for connection	/	15 m FG16 7x1,5 + 10x0,5	
Operating temperature	-15°C + 50°C -25°C + 50°C with heater		
Obstacle detection	Adjustable pressure switch		
Product weight	130 kg		
Hydraulic pump	Power supply 230V+/-10% 50/60 Hz		
Power absorption	400 W		420 W
Protection level	IP67		
Capacitor	12,5 µF		
Motor thermal protection	130°C		

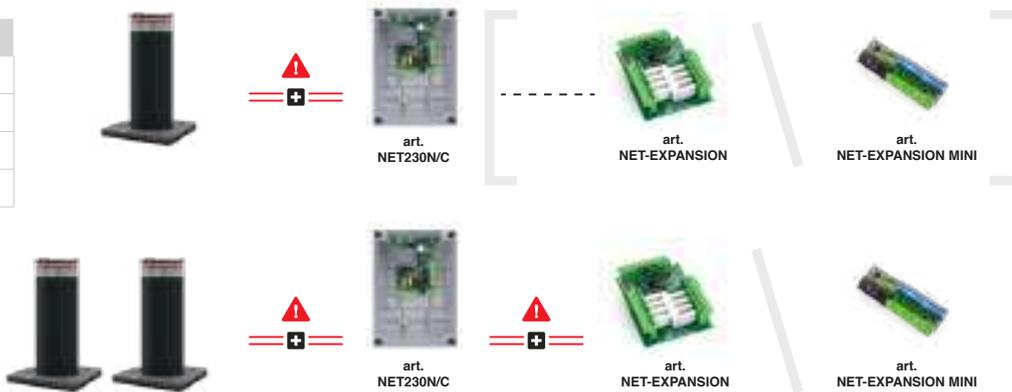
DIMENSIONS



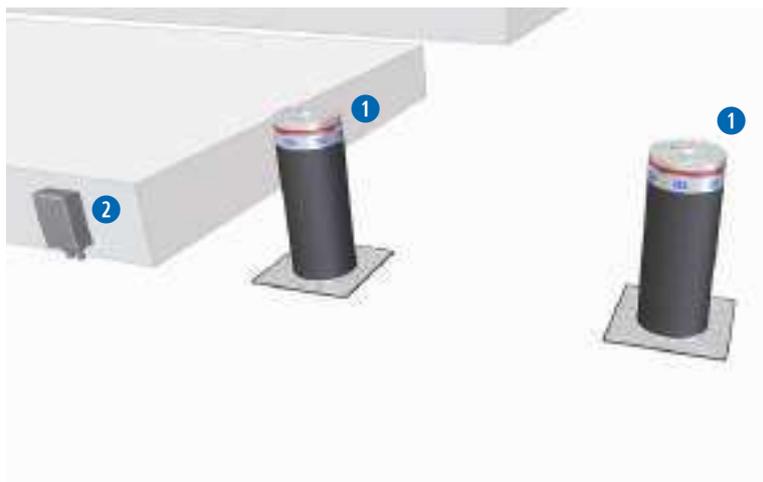
ELECTRICAL DIAGRAM



COD.	Art.
677610	NET230N/C
677611	NET230N/PROBOX
677620	NET-EXPANSION
677622	NET-EXPANSION MINI



EXAMPLE OF A TYPICAL INSTALLATION



1



COD. 651000
Art. ROCK
Hydraulic retractable bollard

2



COD. 677611
Art. NET230N/PROBOX
NET230 control board mounted on plate with cable holders and DIN rail to use on art. STEELBOX

COD. 679210
Art. STEELBOX
Painted steel box with key lock

COD. 667071
Art. LOOP 230/2
Loop detector, 2 channels

COD. 681034
Art. SMFLED230/2
230V led traffic light: red-green lights

+

2



COD. 677622
Art. NET-EXPANSION MINI
Mini expansion board, 4 resistive input and 1 NC-NO output, compatible only with NET24N and NET230N

SPECIFIC ACCESSORIES

COD. 677610
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V with or without magnetic encoder (with box)

COD. 677611
Art. NET230N/PROBOX
NET230 control board mounted on plate with cable holders and DIN rail to use on art. STEELBOX

COD. 677620
Art. NET-EXPANSION
Expansion board 6 inputs - 8 outputs for control boards NET Series

COD. 677622
Art. NET-EXPANSION MINI
Mini expansion board, 4 resistive input and 1 NC-NO output, compatible only with NET24N and NET230N

COD. 659070
Art. ROCK/B
Framework for bollard art. ROCK Ø=273 h=700mm

COD. 659060
Art. ROCK/RE
Antifreeze heater

COD. 659022
Art. ROCK/LOCK
Safety lock for bollard art. ROCK

COD. 659071
Art. ROCK/C
Manhole close for bollard art. ROCK

COD. 659064
Art. ROCK/EL V2
Solenoid and valve for quick descent, power supply cable included

COD. 679210
Art. STEELBOX
Painted steel box with key lock

COD. 659091
Art. ROCK/F LED
Lighting kit for ROCK/F with LED circuit+Buzzer, power supply unit and junction box

COD. 659090
Art. ROCK/FB
Foundation base, clamps and base-covering flange for ROCK/F

COD. 667061
Art. LOOP 230/1
Loop detector, 1 channel

COD. 667071
Art. LOOP 230/2
Loop detector, 2 channels

COD. 681034
Art. SMFLED230/2
230V led traffic light: red-green lights

COD. 681035
Art. SMFLED24/2
24V led traffic light: red-green lights



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NETLINK

is our technology applied to DEA devices for the smart management of your installations, both **locally and remotely.**



NET-COM



Watch the video!



NET-COM



SIM BASE



SIM PRO



POWER SUPPLY



ANTENNA GSM-LTE



S-EXTENDER



LAN-EXP

COD.	Art.	DESCRIPTION
679117	NET-COM	<p>It's the device for the installations maintenance and remotes management, from your office!</p> <ul style="list-style-type: none"> • It can be used as a "TIMER" with the management of calendar time slots • it can memorise up to 1,500 remotes. <p>Features:</p> <ul style="list-style-type: none"> • GSM module • 2 programmable inputs and outputs • archive memory up to 150,000 logs • battery for keeping the clock up in case of power failure <p>Supplied without a SIM (M2M)</p> <p>Possibility of using a SIM supplied by other operators</p>
179010	SIM BASE	<p>SIM (Machine to Machine - M2M) with 5-year BASE plan for use with NETCOM.</p> <p>ATTENTION: not compatible with DEUser</p>
179011	SIM PRO	<p>SIM (Machine to Machine - M2M) with 5 year PRO plan for use with NETCOM.</p> <p>Compatible with DEUser</p>
163523	POWER SUPPLY	Power supply 24V - 20W for NET-COM and LED/B (only required on NET230N)
179009	ANTENNA GSM-LTE	GSM-LTE outdoor antenna to increase the range signal. Cable= 2 m
677650	S-EXTENDER	Control board to extend from 3 m up to 50 m the range of the wiring between NET-COM and other NETLINK devices (such as control boards DE@NET and receivers).
679118	LAN-EXP	Plug-in module to connect the LAN cable to NETCOM



DEAinstaller

DEAinstaller is the App dedicated to the **professional installer** which allows you to program and manage DEA automations in a simple and intuitive way from your smartphone.

If you use it with NET-NODE you can:

- keep a **data backup** of all your installations
- easily adjust the **parameters** of your control boards
- update the **firmware**
- program the **maintenance**
- manage or customize the **remotes**
- read **technical manuals** or have a look at the **electrical connections**
- control the **inputs** and **output** of the control boards
- **control** the automation with the App

P001
 P015
 P022
 P047



DEAuser

DEAuser is the app for the **private user** which allows you to control the DEA automation in **close proximity**.

By installing NET-NODE on all devices with NETLINK technology, you can control your gate through your smartphone.



NET-NODE



NET-NODE 2.0



PREMIUM CARD

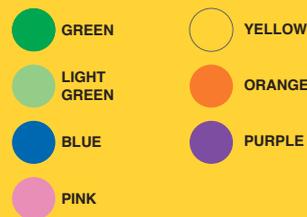
COD.	Art.	DESCRIPTION
677642	NET-NODE 2.0	Updated version of NET-NODE. Device to be connected to DE@NET control units and to external receivers. Thanks to NET-NODE you can use the DEAinstaller and DEAuser apps on your smartphone. It is compatible only with DE@NET control panels equipped with serial port and NETLINK technology.
397227	NET-CABLE	Cable to connect NET-NODE 2.0 and NET-BOX with NET control boards and receivers, L= 2 m
679113	PREMIUM CARD	Card with serial code to upgrade your account to "Premium". It allows you to share the data of the installations with max 10 smartphones.

GTI

#colourasyoulike!

Choose your favorite colour!

GTI remotes can be customised with button kits in seven colours: green, light green, blue, pink, yellow, orange and purple.



Note: button kits are supplied in packs of 5. The remote must be ordered separately.



#safeasyoulike!

Non-copyable remotes!

GTI remotes are **multi-function**. They have three coding possibilities: DIP SWITCH, Rolling Code and **D.A.R.T.** the new **DEA advanced coding**.

You can customise the **code of the remotes** to guarantee the **maximum security** to your customer.

D. DEA
A. Advanced
R. Rolling Code
T. Transmission



Looking for **total safety**?
With **NET-BOX** each installer can customise the code of your GTI remotes.

REMOTE CONTROLS



COD.	Art.	Power supply	Frequency	Range	Type of encoding	Ch.
672635	GTI2	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672645	GTI4	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	4

*with antenna tuned outdoors
**customizable



COD.	Art.	Power supply	Frequency	Range	Type of encoding	Ch.
672637	GTI2/868	CR2032 lithium battery	868 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672647	GTI4/868	CR2032 lithium battery	868 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	4

*with antenna tuned outdoors
**customizable



COD.	Art.	Power supply	Frequency	Range	Type of encoding	Ch.
672636	GTI2N	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672646	GTI4N	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	4

*with antenna tuned outdoors
**customizable

CLONABLE SERIALISED REMOTES

Remotes with the ability to clone other DEA remotes (cloning: fixed code only)



COD.	Art.	Power supply	Frequency	Range	Type of encoding	Ch.
672603	GTI2M	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672613	GTI4M	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	4

*with antenna tuned outdoors
**customizable

WALL SUPPORT



COD.	Art.	DESCRIPTION
679191	GT-WALL	White wall support for transmitter art. GT (80xh80x15 mm)
679192	GT-WALL/N	White wall support for transmitter art. GT (80xh80x15 mm)

BUTTONS KIT FOR GTI REMOTES

COD.	Art.	DESCRIPTION
	KIT GTI4 BUTTONS PINK	Buttons kit, pink, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679246	
	KIT GTI2 BUTTONS PINK	Buttons kit, pink, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679236	
	KIT GTI4 BUTTONS BLUE	Buttons kit, blue, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679245	
	KIT GTI2 BUTTONS BLUE	Buttons kit, blue, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679235	
	KIT GTI4 BUTTONS GREEN	Buttons kit, dark green, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679243	
	KIT GTI2 BUTTONS GREEN	Buttons kit, dark green, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679233	
	KIT GTI4 BUTTONS LIGHT GREEN	Buttons kit, light green, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679240	
	KIT GTI2 BUTTONS LIGHT GREEN	Buttons kit, light green, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679230	
	KIT GTI4 BUTTONS YELLOW	Buttons kit, yellow, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679244	
	KIT GTI2 BUTTONS YELLOW	Buttons kit, yellow, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679234	
	KIT GTI4 BUTTONS ORANGE	Buttons kit, orange, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679241	
	KIT GTI2 BUTTONS ORANGE	Buttons kit, orange, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679231	
	KIT GTI4 BUTTONS PURPLE	Buttons kit, purple, for 4 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679242	
	KIT GTI2 BUTTONS PURPLE	Buttons kit, purple, for 2 channels GTI remotes Note: kit includes buttons only, the remote must be purchased separately
	679232	

NETBOX

The device for remotes management.

NETBOX is the bench programmer to read, write and customise remote controls.

It can also be used to program NETLINK control boards and receivers.

Using NETBOX you can:

- quickly read and copy remotes (serial numbers and counters)
- enter your personal installer code in the remote control and receiver. Only your remotes can be used in your installations (encryption of the key code)
- set-up the parameters of the NETLINK control boards and receivers comfortably on your bench and then install them



NETLINK DEVICES



NET-BOX



GT CABLE

COD.	Art.	DESCRIPTION
679112	NET-BOX	NET-BOX is a programmer to customise DEA radio controls and control boards settings with NETLINK technology.
470351	GT-CABLE	Cable to be used with NETBOX for programming compatible remotes



RECEIVERS



COD.	Art.	DESCRIPTION
675602	281/2	Hardwired 2 channels receiver 433 MHz with capacity to store 1000 transmitters and button assignment independently for each transmitter and relay. Power 24V AC/DC, maximum contact rating 0,5A/30Vdc, supplied with box art.100F (for indoor installation)
675603	281/2/868	Hardwired 2 channels receiver 868 MHz with capacity to store 1000 transmitters and button assignment independently for each transmitter and relay. Power 24V AC/DC, maximum contact rating 0,5A/30Vdc, supplied with box art.100F (for indoor installation)
675604	281/2/12V	Hardwired 2 channels receiver 433 MHz with capacity to store 1000 transmitters and button assignment independently for each transmitter and relay. Power 12V DC, maximum contact rating 0,5A/30Vdc, supplied with box art.100F (for indoor installation)

RECEIVERS ACCESSORIES



100F



BOX/A



240-240/868

240E

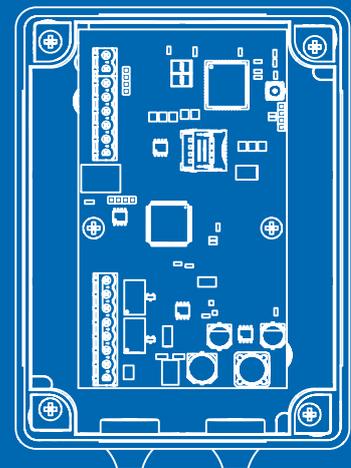
COD.	Art.	DESCRIPTION
679160	100F	Box for radio receiver art. 281/2 (5-piece pack)
679010	BOX/A	Box with built-in antenna for hardwired radio receivers art. 281/2 for external use
179004	240	Tuned antenna 433MHz
179008	240/868	Tuned antenna 868 MHz
179006	240E	Supplementary antenna for ADVANCE/SPACE operators

control boards

All our operators with NETLINK technology are compatible with **NETCOM**, the device to **remotely manage your installations**, diagnose faults and **manage remotes**.

From the comfort of your office by GSM.

Watch the video!



CONTROL BOARDS RANGE DE@NET

To automate gates and installations in compliance with the European Safety Rules EN 12453-EN12445



NET230N/C



NET230
PROBOX

COD.	Art.	DESCRIPTION
677610	NET230N/C	<p>Universal digital control board with box (100G) for 1 or 2 operators, 230V ~, with or without magnetic encoder.</p> <p>Selection in a single step of the type of operator used (sliding, swing, counter-weight door, barrier, sectional door, bollard), with automatic configuration all inputs/ outputs and best operating options. Factory configured as a swing.</p> <p>Possibility of adjustment of 99 operating parameters such as strength, speed and duration of the slowdown, anti-crush sensor sensitivity, possibility of blocking the programming to prevent tampering of the installation, type of operation of each input etc.</p> <p>Simplified learning procedure. 433 MHz radio receiver for up to 100 remote controls (fixed or rolling code coding).</p> <p>(180xh265x90mm)</p>
677600	NET230N	Circuit only
677611	NET230N/ PROBOX	NET230 control board mounted on plate with cable holders and DIN rail to use on art. STEELBOX



NET24N/C



NET24N
PROBOX

COD.	Art.	DESCRIPTION
678261	NET24N/C	<p>Universal digital control board with box (100GR) for 1 or 2 operators 24V =, with or without magnetic encoder.</p> <p>Selection in a single step of the type of operator used (sliding, swing, counter-weight door, barrier, sectional door, bollard), with automatic configuration all inputs/ outputs and best operating options. Factory configured as a swing.</p> <p>Possibility of adjustment of 99 operating parameters such as strength, speed and duration of the slowdown, anti-crush sensor sensitivity, possibility of blocking the programming to prevent tampering of the installation, type of operation of each input etc.</p> <p>Simplified learning procedure. 433 MHz radio receiver for up to 100 remote controls (fixed or rolling code coding).</p> <p>(180xh265x130mm)</p>
678263	NET24N/C250	NET24N with 250W transformer for use with REV operators ready for IRON BOX
678251	NET24N	Circuit only
678264	NET24N/PROBOX	NET24 control board with transformer mounted on plate with cable holders and DIN rail to use on art. STEELBOX

NEW



NET724 EVO



NET24N/GR



COD.	Art.	DESCRIPTION
678301	NET724 EVO	Control board for SPACE N / ADVANCE N and for LIVI 3/24N/F operators (without box, circuit only)
COD.	Art.	DESCRIPTION
678253	NET24N/GR	Control board for TRAFIK (without box, circuit only)



NET-EXPANSION



NET-EXPANSION
MINI

COD.	Art.	DESCRIPTION
677620	NET-EXPANSION	Expansion board 6 inputs - 8 outputs for control boards NET Series. New features can be activated in the NET control board including: analog or resistive inputs, traffic light control, compass control, alarm contact with automatic closing when the power failure, open gate warning light with variable frequency in opening/closing (cable length 300mm + spacers). Compatible only with DE@NET boards with serial port (NET230N and NET24N from the version 30, NET724N from version 1 and NET724N/XL).
677622	NET-EXPANSION MINI	Mini expansion board, 4 resistive input and 1 NC-NO output, compatible only with NET24N and NET230N
677621	NET-EXPANSION/C	NET-EXPANSION expansion board with box and 1000 mm cable

CONTROL BOARDS RANGE NORMA

To automate gates and installations in compliance with the European Safety Rules EN 12453-EN12445



400RR PROBOX



400RR/C

COD.	Art.	DESCRIPTION
677140	400RR/C	Digital control board three-phase 400V AC (with box 100G) for 1 operator with encoder control. It is complete with anti-crushing safety device, integrated 433 MHz radio receiver, speed adjustment during normal cycle and slow down in opening and closing, force adjustment up to 70 levels and separate in open and close, anti-inertia braking device.
677130	400RR	Circuit only
677141	400RR/ PROBOX	NET400RR control board mounted on plate with cable holders and DIN rail to use on art. STEELBOX.

CONTROL BOARDS RANGE START



COD.	Art.	DESCRIPTION
677120	212E/C	Control board (with 100G box) for 1 or 2 230V ~ operators, complete with 433 MHz radio receiver, automatic operating time learning, electronic force adjustment, controlled input for external safety device.
677110	212E	Circuit only



COD.	Art.	DESCRIPTION
677540	211ER/C	Control panel (with 100A box) for the automation of 230V ~ operators for roller shutters. Selectable operating logic (step by step, separated open/close, dead man command) programmable working times, with built-in 433MHz radio receiver.



COD.	Art.	DESCRIPTION
677560	SSE12/C	Timed contact to use with electromagnets and/or for other generic uses (courtesy light, traffic lights, etc.) in 100A box and with built-in 433 MHz radio receiver.

BOXES FOR CONTROL BOARDS



COD.	Art.
679130	100A

ABS fire-proof box to be mounted into sliding operators or to fix on the wall
(113 x 190 x 65 mm)

COD.	Art.
679060	100G

ABS box for any control board
(180 x 265 x 90 mm)

COD.	Art.
679070	100GR

ABS box, suitable for control boards with batteries with raised deck
(180 x 265 x 130 mm)

COD.	Art.
679180	100GP

Buttons wired cover
(180 x 265 x 62 mm)

COD.	Art.
679140	100GG

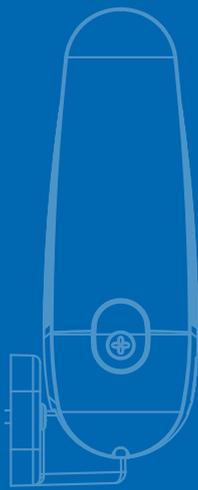
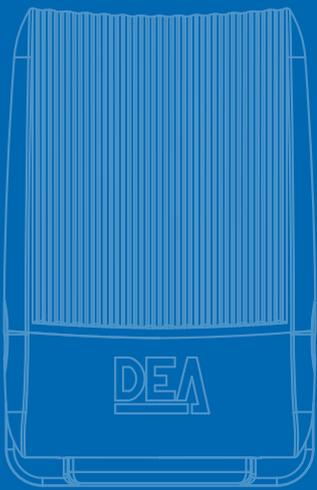
Self-extinguishing ABS large 100G and 100GR protective box to IP55.
(250 x 350 x 175 mm)

COD.	Art.	DESCRIPTION
679210	STEELBOX	Painted steel box with key lock for installation of control boards and other devices (400 x h300 x 200 mm). The key is compatible with the locks of all the breakouts of the DEA System operators.



COD.	Art.
430780	CG KIT
CG KIT with nut 4x(M16)+3x(M12)	

other accessories



SOLAR POWER SYSTEM



GREEN ENERGY



SOLAR PANEL/XL

COD.	Art.	DESCRIPTION
681053	GREEN ENERGY/N	Solar power system to be used for applications with control board NET24N and NET724N. The set includes: box with 2 pieces 18 Ah buffer battery and battery charge control circuit. Solar panel not included. Art. CHARGER included.
681051	CHARGER	Battery charger for GREEN ENERGY
681054	SOLAR PANEL/XL	Solar panel 30Wp with possibility to install up to 2 panels (wall fixing plate included). (390x660x25mm)

Consult the manual for sizing the number of panels depending on the daily solar radiation throughout the year.

RECHARGEABLE BATTERY SETS



BAT



BAT/LIVI
3-6-9/24



BAT/ADV

COD.	Art.	DESCRIPTION
629290	BAT	Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables
629291	BAT/LIVI 3-6-9/24	Rechargeable batteries kit for LIVI/N 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate
629292	BAT/LIVI/N SUPPORT	Support for LIVI/N batteries with fixing screws
649200	BAT/PASS	Batteries set for PASS N barriers complete with 2 x 4Ah batteries, fixing plates and connecting cables
649201	BAT/STOP	Batteries set for STOP N barriers complete with 2 x 4Ah batteries, fixing plates and connecting cables
639590	BAT/ADV	Batteries set for ADVANCE N
175001	117	Rechargeable battery, 12V, 4Ah
175000	117B	Rechargeable battery, 12V, 1,2Ah
175009	117G	Extra battery for GREEN ENERGY

KEYPAD



COD.	Art.	DESCRIPTION
663280	DIGIRAD	Wireless keypad (74,5xh112x40mm)

PUSH-BUTTON KEYPAD



COD.	Art.	DESCRIPTION
663400	PULSY	Push button panel open (N.O.) / close (N.C.)IP40 - Max 1 A

ACCESS CONTROL



COD.	Art.	DESCRIPTION
663310	DIGIPRO	Digikey with cable and proximity reader (76xh120x23,5mm)
663311	DIGISLIM	Digikey with cable and proximity reader (45xh165x23,5mm)
673001	CARDPROX	Proximity card with transponder, blank
673011	COINPROX	Proximity token with transponder

KEYSWITCHES



COD.	Art.	DESCRIPTION
663030	102LUX	Plastic keyswitch with two contacts, surface mounted. Supplied with 2 keys. (74xh89x35mm)
663090	GT-KEY	Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys. (55xh102x70mm)
663091	GT-KEY/SB	Aluminium key switch with two keys and unlocking device by cable Note: unlocking function to be used with operators for WILL 140 E roller shutter (55xh102x70mm)
663092	GT-KEY/I	Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys. (55xh102x38mm)

PHOTOCELLS AND COLUMNS



LINEAR/XS



LINEAR



105/N



106/N



BSF



COVER/2



PILLY 60 - 120



PILLY/BASE

COD.	Art.	DESCRIPTION
662080	LINEAR/XS	Pair of mini synchronizable photocells for outdoor installation. Maximum range 20m (31,5xh92x38mm)
662044	LINEAR	Pair of adjustable photocells (180°) with possibility of synchronized operating. Range 20m (46xh125x40mm)
662043	LINEAR/B	Pair of adjustable photocells (180°) with tx supplied by a Lion battery. Range 7/15m (46xh125x40mm)
662047	LINEAR/SHIELD	Pair of adjustable photocells LINEAR with vandal-proof aluminium cover art. COVER/2 (56xh155x55mm)
662012	105/N	Pair of recessed photocells (1 pair) (70xh70x88mm)
681070	106/N	Plastic holder to be cemented for art. 105/N (8 pieces) (63xh63x73mm)

COD.	Art.	DESCRIPTION
681060	COVER/2	Vandal-proof aluminium cover for LINEAR and LINEAR/B photocells (2 pcs) (56xh155x55mm)
649160	BSF	Bracket for LINEAR photocells

COD.	Art.	DESCRIPTION
664000	PILLY/60	Pair of 55cm column for photocells (2 pcs)
664010	PILLY/120	100cm column for photocell and accessories (2 pcs)
664020	PILLY/BASE	Support to be cemented for column (160xh48x100mm)

LOOP DETECTORS



COD.	Art.	DESCRIPTION
667061	LOOP230/1	Loop detector, 1 channel
667071	LOOP230/2	Loop detector, 2 channels

FLASHING LIGHTS



COD.	Art.	DESCRIPTION
661130	AURA N	LED flashing light, multi-voltage 24AC-DC /120AC/230AC, with integrated antenna 433MHz/868MHz Cable L=5m
649290	LED/B	LED strip for top of the barrier case Consumption: min. 184 mA - max. 552 mA. For power supply, please refer to the technical manual.

LOCKS AND ACCESSORIES



110V



D

M



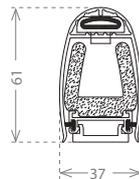
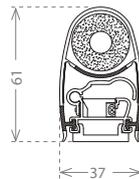
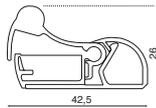
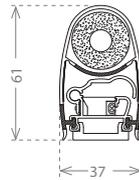
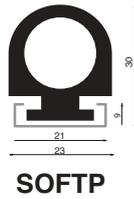
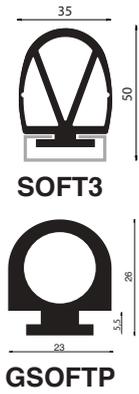
1100I



BLINDOS
BLINDO

COD.	Art.	DESCRIPTION
136006	110V	Vertical electric lock 12V (without European cylinder) with ground selvage
136043	T-V	Plate roof for vertical electric lock
136005	D	Double European cylinder
136004	M	Half European cylinder
136044	1100I	Horizontal electric lock complete with double cylinder and horizontal selvage, adjustable, galvanized
136042	T-O	Plate roof for horizontal electric lock (supplied with plate for horizontal selvage)
665000	BLINDOS	Safety enclosure to place external unlocking device handle
665010	BLINDO	Empty safety enclosure

SAFETY DEVICES AND ACCESSORIES



PASSIVE EDGES

COD.	Art.	DESCRIPTION
667053	SOFT3	Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)
667051	SOFTP	Black rubber and aluminium profile useful to reduce the impact forces for overhead doors (24m)
321810	GSOFTP	Black rubber profile, EPDM S65 (24m)

MECHANICAL SAFETY EDGES

COD.	Art.	DESCRIPTION
171034	C-16	Mechanical edge L=1,6m
171035	C-20	Mechanical edge L=2m
171036	C-25	Mechanical edge L=2,5m

COD.	Art.	DESCRIPTION
171002	130	Mechanical edge L= 1,2 m for overhead door (supplied without side cups 134D and 134S)
171003	131	Mechanical edge L= 1,8 m for overhead door (supplied without side cups 134D and 134S) 134D and 134S)
667030	134	Cups for left side closing for edge 130/131 (10 pcs)

RESISTIVE SAFETY EDGES (ACCORDING TO EN12978)*

COD.	Art.	DESCRIPTION
171038	CR-16	Safety resistive edge L=1,6m
171039	CR-20	Safety resistive edge L=2m
171040	CR-25	Safety resistive edge L=2,5m
171031	121N	Safety resistive edge L=0,90m for IRONBOX

* Resistive and conductive edges should be installed in combination with the board art. 135/2 to comply with the Norms EN12978

CONDUCTIVE SAFETY EDGES (ACCORDING TO EN12978)*

COD.	Art.	DESCRIPTION
171043	CC-16	Conductive safety edge 8.2 KΩ L=1,6m
171044	CC-20	Conductive safety edge 8.2 KΩ L=2m
171045	CC-25	Conductive safety edge 8.2 KΩ L=2,5m

* Resistive and conductive edges should be installed in combination with the board art. 135/2 to comply with the Norms EN12978

COD.	Art.	DESCRIPTION
171046	135/2	2-channel electronic board for certification of conductive safety edges (up to 4 edges, 2 per channel) or resistive safety edges (in series)

SAFETY DEVICES AND ACCESSORIES



COD.	Art.	DESCRIPTION
668010	127	Warning sign

COD.	Art.	DESCRIPTION
681034	SMFLED230/2	230V led traffic light: red-green lights
681035	SMFLED24/2	24V led traffic light: red-green lights

RADIO TRANSMISSION DEVICE



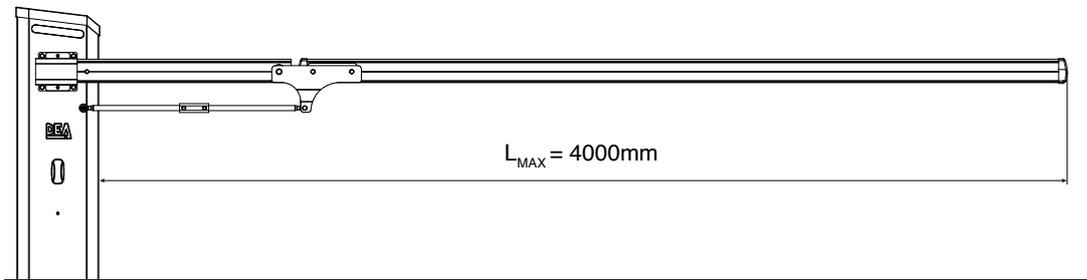
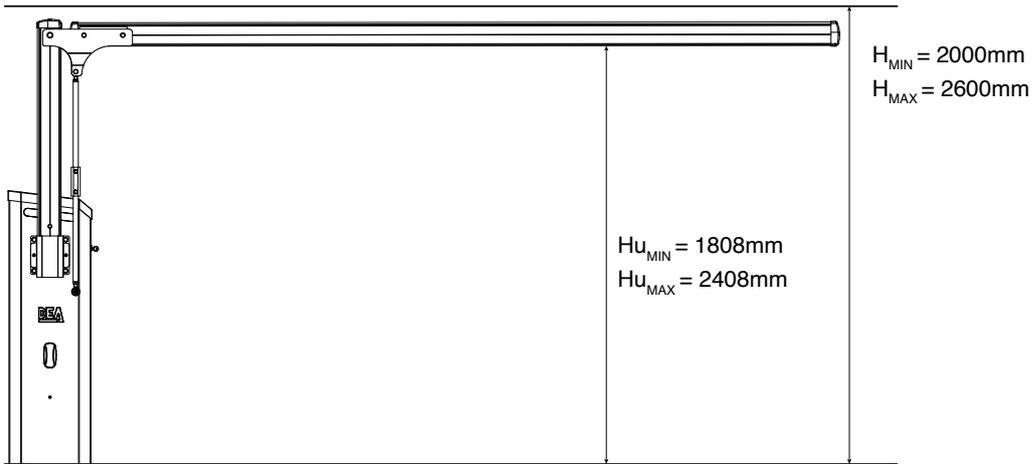
COD.	Art.	DESCRIPTION
672920	D-BAND-KIT	Wireless transmitter and receiver kit in 868 MHz, for resistive or mechanical safety edges
672901	D-BAND-TX	Type CR2032 2x3V DC battery-powered transmitter (51xh183x36mm)

HOME AUTOMATION



COD.	Art.	DESCRIPTION
675590	220-H	2-channel mini recessed receiver (1 unit)
675591	220-5H	2-channel mini recessed receiver (5 units)
672620	TR-PLUS	Multi-channel remote control

TRAFIK + ART. TRAFIK KIT



TRAFIK + BOOM + MOLLA

L				MOLLA
2m - 5m	-	-	-	S
		✓		
	✓		✓	
	✓	✓		
5,5m	-	-	-	S
		✓		
	✓		✓	XL
	✓	✓		
6m	-	-	-	S
			✓	
	✓	✓		XL
	✓	✓		

STOP N + BOOM

STOP N is supplied with 2 springs applied and 1 apart.
 This table refers to the use of the barrier with light beam BOOM4 and BOOM6

ADDITIONAL KIT MOLLA					
L					KIT MOLLA 
	BOOM LINK	1010/M - 1006	GSOFTP	1005/N	TO BE ADDED
5m	✓	✓	✓		+ 1
	✓			✓	
	✓	✓		✓	
6m				✓	+ 1
		✓		✓	
	✓	✓			
	✓		✓		
	✓	✓	✓		
	✓			✓	+ 2
	✓	✓		✓	
7m	✓				+ 1
	✓	✓			+ 2
	✓		✓		
	✓	✓	✓		
	✓			✓	+ 3
	✓	✓		✓	
8m	✓				+ 2
	✓	✓			+ 3
	✓		✓		
	✓	✓	✓		
	✓			✓	+ 4
	✓	✓		✓	

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move as you like



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