

# DEA 2020

Catalogue  
> EN



Automation for gates and doors

**Branches** > Italia. France. United Kingdom. España. Portugal. Deutschland. Polska. Беларусь.



## 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



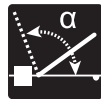
## SPECIFIC icons



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 .....  12
		REV .....  18
		GULLIVER .....  24
	[	STING .....  38
		MAC .....  44
		LOOK .....  50
		OLI/N .....  56
		GEKO .....  62
		LIVI 502 .....  68
		ANGOLO .....  74
		GHOST 100 .....  80
		GHOST 200 .....  86
	[	LIVI 902 .....  94
	[	ADVANCE .....  104
		SPACE .....  110
		TEO 700 .....  116
	[	LATO .....  122
	[	LIVI 550 PL .....  128
	[	WILL G .....  134
	[	PASS .....  140
		STOP .....  146
		TRAFIK .....  152
	[	ROCK .....  158
	[	NETLINK DEVICES
		AND ACCESSORIES .....  164

# 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

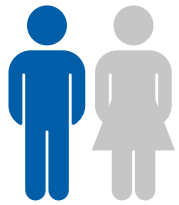
8 branches have been opened since 2012: this is the result of the **increasing need for local resource and capability**, coming from the positive feedback received by the international markets.

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

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







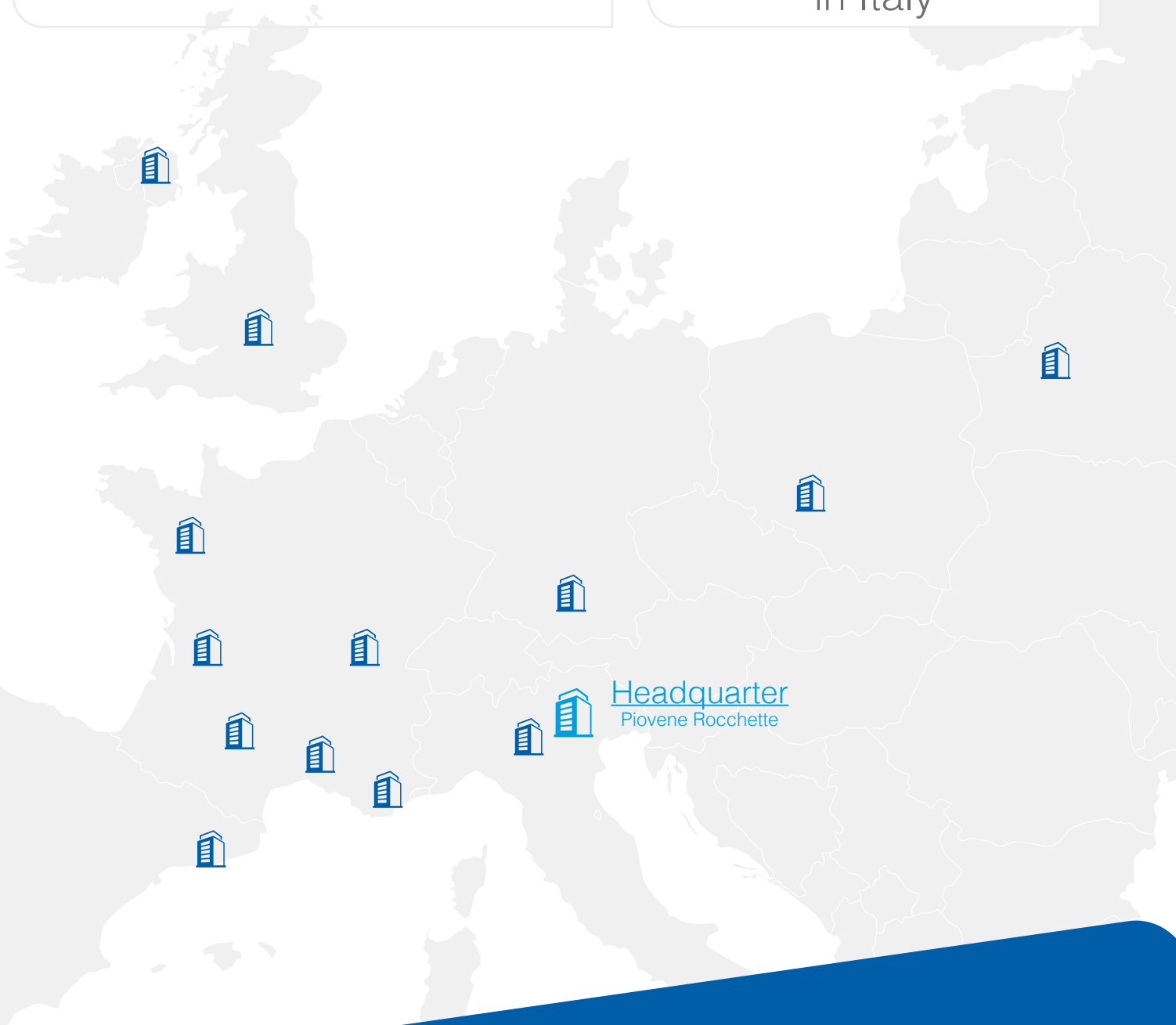
140

People all over the world



2

Production plants  
in Italy





## What about the products? We make them ourselves!

We manage the whole production process. We design, produce and assemble both the mechanic and electronic components of our products. This is crucial to guarantee the quality of each component, especially when technology is connected to people's safety.



# What about electronics? We also make it ourselves.

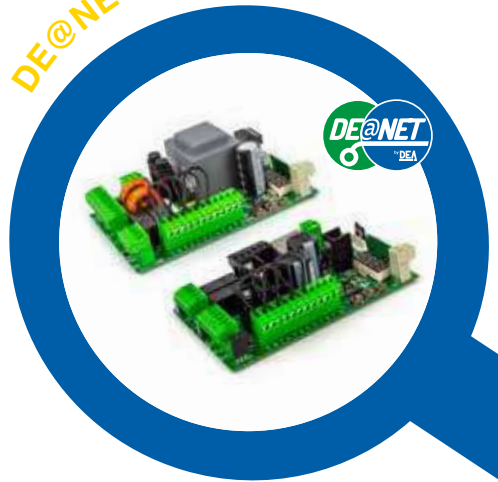


Each DEA product is totally conceived and developed in-house. DEA HT, a company that is a part of our group, designs and produces the electronic components controlling our automations.



Our technology applied to DEA devices for the *smart* management of your installations, both locally and remotely.

DE@NET



**One control board** for all our motors, available in 230V and 24V versions.

NET-BOX



The device for the management of your **remotes** from your office.

NET-COM



New 2020

The advanced receiver for the **remote** management of your installations.

NET-NODE



The device for management of your remotes from your office.

**DEA**<sup>®</sup>  
CLOUD

DEA User & DEA Installer



**DEAinstaller:**

the App for creating and managing each installation directly from your smartphone.



**DEAuser:**

the App for opening and closing your DEA gate with just one touch, in local mode.



# NET-COM

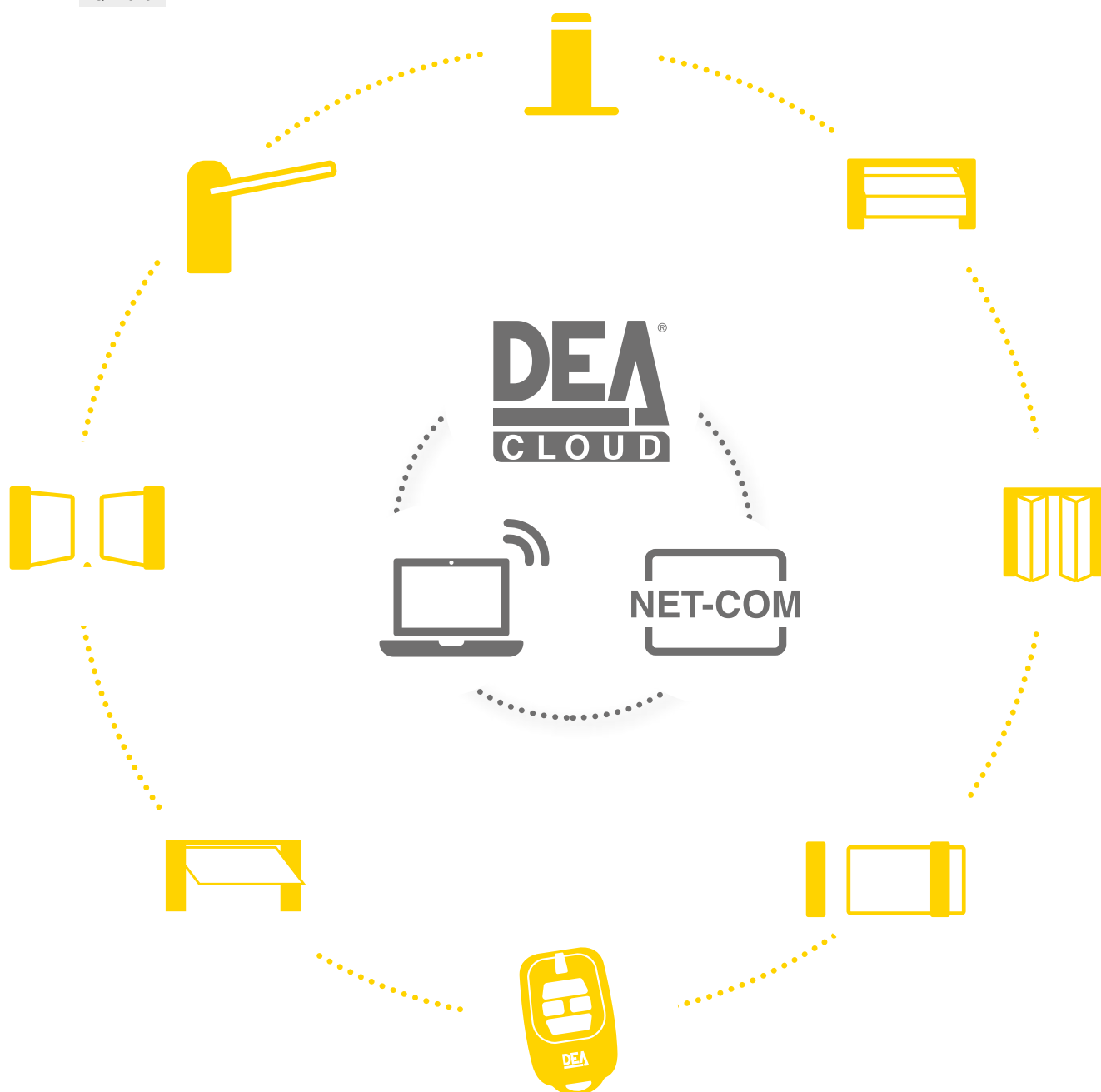
New 2020

**A new device for the remote control and advanced management of your installations**

 166

Availability

Q2 2020



## Remote maintenance of the DE@NET control units:



- ✓ Check the correct operation of the system.
- ✓ Read and modify the parameters of the installations.
- ✓ Consult the log of the events registered by the control unit

## The advanced access control:



- ✓ Enable up to 1,500 remotes per time band and consult the access register.



- ✓ Set automatic openings and closings programmes with a yearly calendar.



- ✓ Activate the gate with a mobile phone call.



- ✓ Check the gate state and control the automation remotely using the **DEAuser**\* app.

\* Function available with art. NET-COM code 679117 and SIM cards of other operators.



- ✓ Connect NET-COM to control units by other manufacturers and exploit the potential of the advanced access control.



NET-COM/S includes a **DEA SIM** card with a 5-year connectivity service.







# SLIDING GATES



Automation for residential, collective and industrial sliding gates



## LIVI/N

- Up to 900 kg
- 230V / 24V
- Residential use
- Operators with encoder



## REV

- Up to 1400 kg
- 230V / 24V
- Collective 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

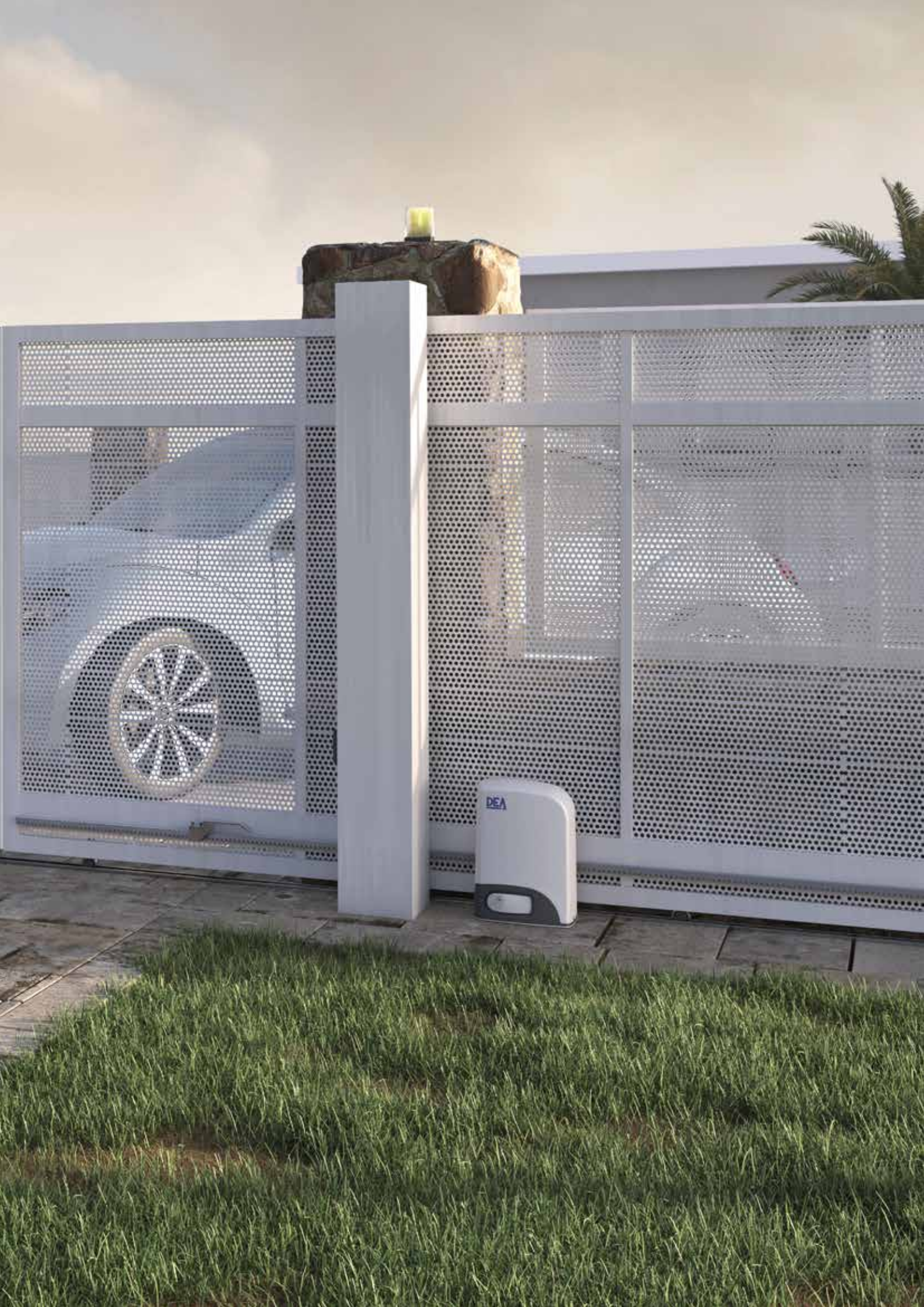


**LIVIN**

**Automation for residential sliding gates  
up to 900 Kg**









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



Battery kit with dedicated support (optional and only for 24V models)

Dedicated support for bluetooth device NET-NODE



Models available with **magnetic limit switches**

Invisible fixing system, with threaded rod

Compatible with **external unlocking device by cable** (art. 450N to be used with BLINDOS - optional)



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAINSTALLER and NET-COM

(Only versions with NET24N, NET230N, or NET724N)





Compatible with the Apps  
DEAinstaller and DEAuser



KIT



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



COD.	Art.	EN	kg	Encoder	DEA	NETLINK	OTHER CHARACTERISTICS
614700	LIVI 6N	EN 12453 EN 12449	600 kg	●	NET230N	✓	<ul style="list-style-type: none"> <li>Irreversible with limit switches (magnetic only for 6N/M and 9N/M versions)</li> <li>Speed adjustment and slow down in opening and closing</li> <li>Motor control by encoder and obstacle detection</li> <li>Anti-crushing safety device</li> </ul>
614701	LIVI 6N/M	EN 12453 EN 12449	600 kg	●	NET230N	✓	
615700	LIVI 9N	EN 12453 EN 12449	900 kg	●	NET230N	✓	
615701	LIVI 9N/M	EN 12453 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 12449	600 kg	●	NET24N	<ul style="list-style-type: none"> <li>Irreversible with limit switches (magnetic only for 6/24N/M, 6/24N/M-BOOST and 9/24N/M versions)</li> <li>Speed adjustment and slow down in opening and closing</li> <li>Anti-crushing safety device</li> <li>Versions with increased speed only in BOOST models (16m/min)</li> </ul>
614752	LIVI 6/24N/M	EN 12453 EN 12449	600 kg	●	NET24N	
614751	LIVI 6/24N/F-BOOST	EN 12453 EN 12449	600 kg	●	NET24N	
614753	LIVI 6/24N/M-BOOST	EN 12453 EN 12449	600 kg	●	NET24N	
615750	LIVI 9/24N/F	EN 12453 EN 12449	900 kg	●	NET24N	
615751	LIVI 9/24N/M	EN 12453 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"> <li><b>ATTENTION: not compatible with NETLINK</b></li> <li>Self-locking with limit switches</li> <li>Electronic force adjustment</li> <li>Automatic working time learning</li> <li>Controlled input for external safety device</li> </ul>
615702*	LIVI 803N*	800 kg	●	212E	

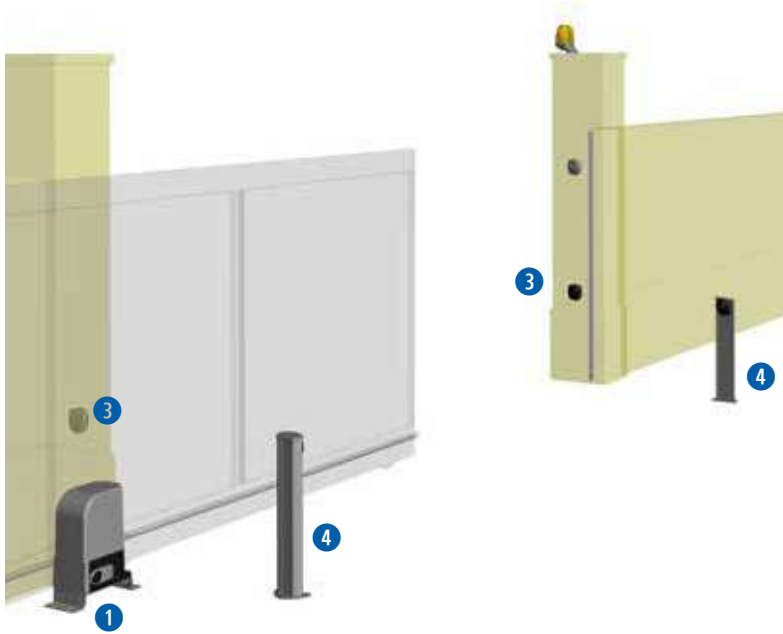
All models have: fixing plate (to be screwed) included

\* 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.

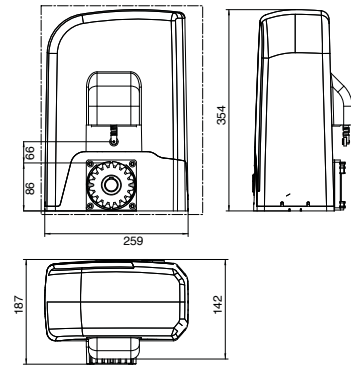
TECHNICAL INFO	LIVI 403N - LIVI 6N LIVI 6N/M	LIVI 803N - LIVI 9N LIVI 9N/M	LIVI 6/24N/F LIVI 6/24N/M	LIVI 6/24N/F-BOOST LIVI 6/24N/M-BOOST	LIVI 9/24N/F LIVI 9/24N/M
Motor power supply (V)	230V ~ ±10% (50/60 Hz)		24V =		
Maximum power absorption (W)	320	450	80		110
Max thrust (N)	340	490	210	240	260
Duty 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**  
55cm column for photocell (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**

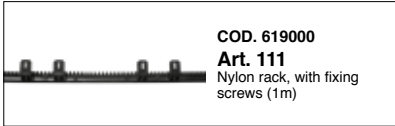
**7**  **COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

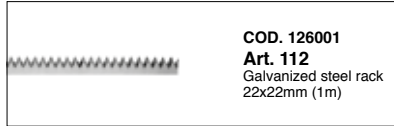
 **COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding

**KIT** for further details on the kits see price list 2020

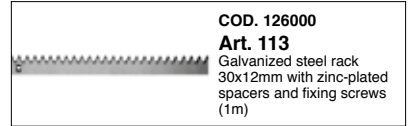
## SPECIFIC ACCESSORIES



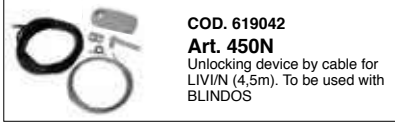
**COD. 619000**  
**Art. 111**  
Nylon rack, with fixing screws (1m)



**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. 619012**  
**Art. 460N**  
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



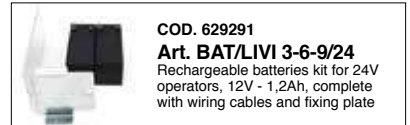
**COD. 667053**  
**Art. SOFT3**  
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)



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



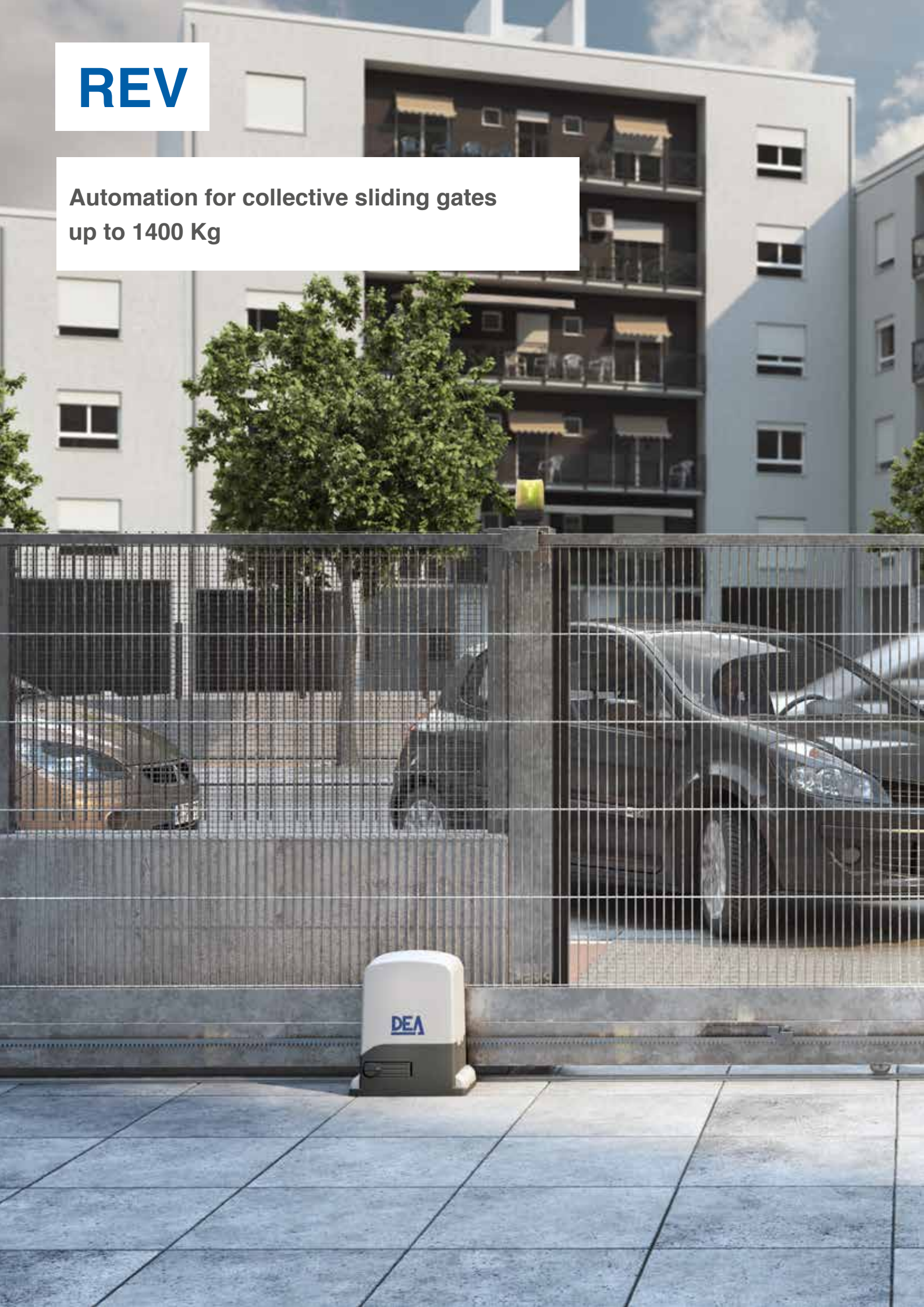
**COD. 665000**  
**Art. BLINDOS**  
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.



**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**









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

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



Models available with magnetic limit switches



Reversible models with electric brake available



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM



Can be used with anti-vandal steel enclosure IRONBOX



Compatible with the Apps  
DEAinstaller and DEAsuser



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



COD.	Art.	7kg	EN 12483 EN 12489	DE@NET 6	EN 12483 EN 12489	OTHER CHARACTERISTICS
616000	REV220	1400 kg*	••	NET230N	✓	<ul style="list-style-type: none"> <li>• Self-locking with limit switches</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>
616003	REV220/M	1400 kg*	••	NET230N	✓	<ul style="list-style-type: none"> <li>• Self-locking</li> <li>• Magnetic limit switches</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>
616001	REV220/RF	1400 kg*	••••	NET230N	✓	<ul style="list-style-type: none"> <li>• Not self-locking with brake in opening and closing</li> <li>• Limit switches</li> <li>• Oil bath</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>
616004	REV220/ RFM	1400 kg*	••••	NET230N	✓	<ul style="list-style-type: none"> <li>• Not self-locking with brake in opening and closing</li> <li>• Magnetic limit switches</li> <li>• Oil bath</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>

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



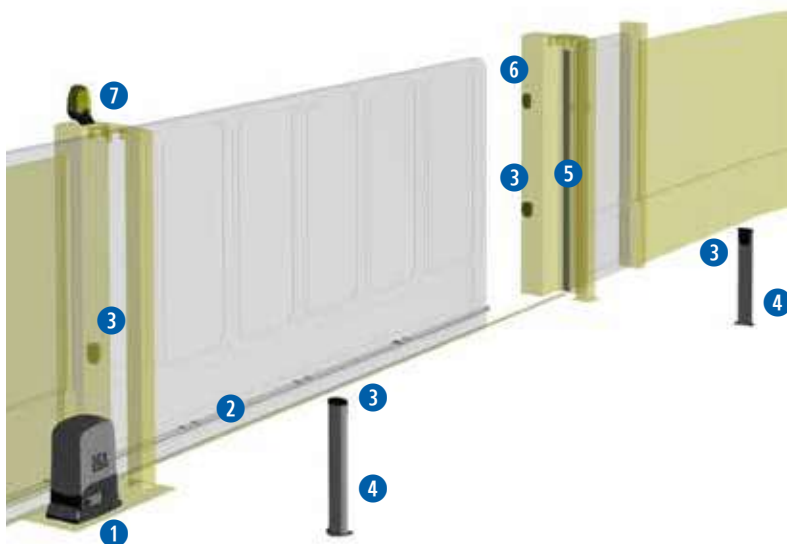
COD.	Art.	7kg	EN 12483 EN 12489	DE@NET 6	OTHER CHARACTERISTICS
616011	REV24/F	1400 kg*	••••	NET24N	<ul style="list-style-type: none"> <li>• Self-locking with limit switches</li> <li>• Speed adjustment and slow down in opening and closing</li> </ul>
616012	REV24/M	1400 kg*	••••	NET24N	<ul style="list-style-type: none"> <li>• Self-locking</li> <li>• Magnetic limit switches</li> <li>• Speed adjustment and slow down in opening and closing</li> </ul>

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

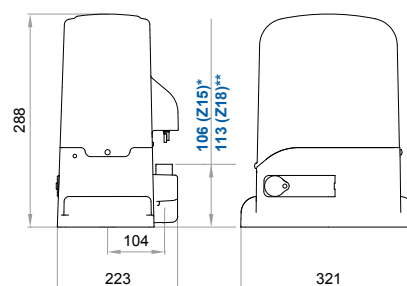
\* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

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 - REV220/RFM  
\*\*art. REV220 - REV220/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**  
55cm column for photocell (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.

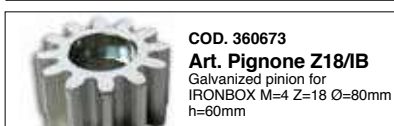
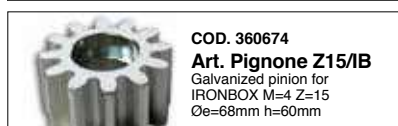
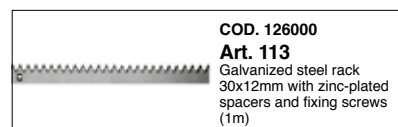
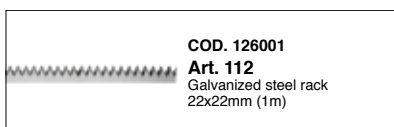
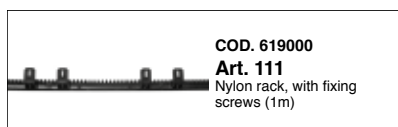
**7**  **COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

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

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



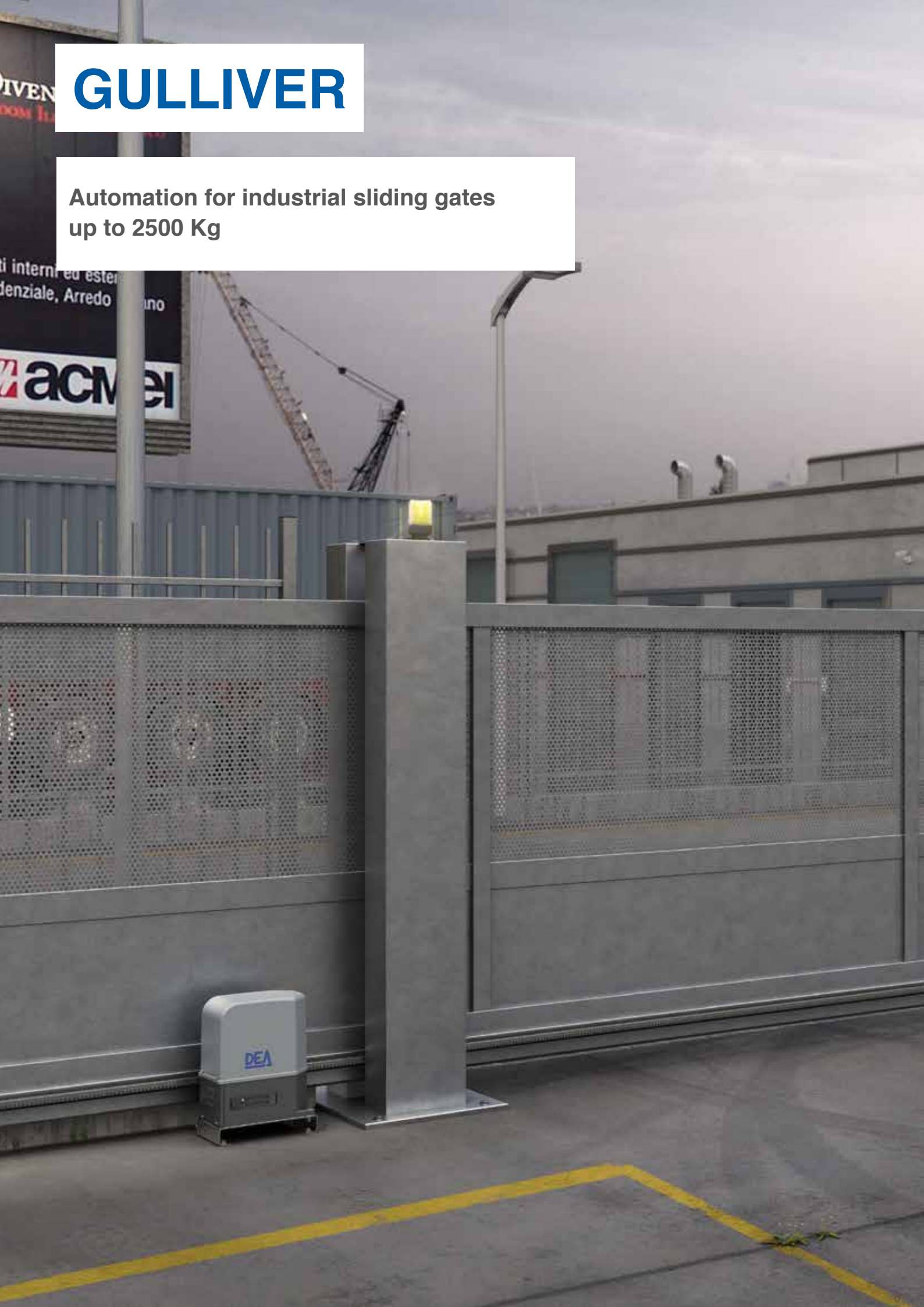
## SPECIFIC ACCESSORIES



\* 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





TITAN  
CIN ANES

TA CO TIF P



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

Steel mechanics and gearing



Models available with magnetic limit switches



Removable control panel



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM

(Only versions with NET230N)



Can be used with anti-vandal steel enclosure IRONBOX





Compatible with the Apps  
DEAinstaller and DEAuser



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

✓ NETLINK

COD.	Art.	EN 12453	EN 12454	DEA	CODE BOARD	OTHER CHARACTERISTICS
613300	18NET	2100 kg	●●●●	NET230N	✓	<ul style="list-style-type: none"> <li>• Self-locking with limit switches</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>
613301	18NET/M	2100 kg	●●●●	NET230N	✓	<ul style="list-style-type: none"> <li>• Self-locking</li> <li>• Magnetic limit switches</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>

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

## 400V AC operators with control board, limit switches and encoder

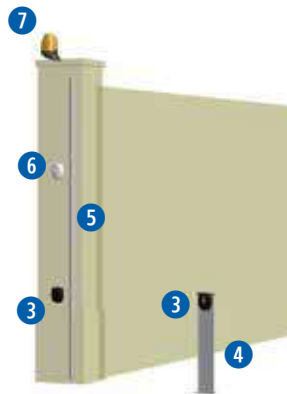
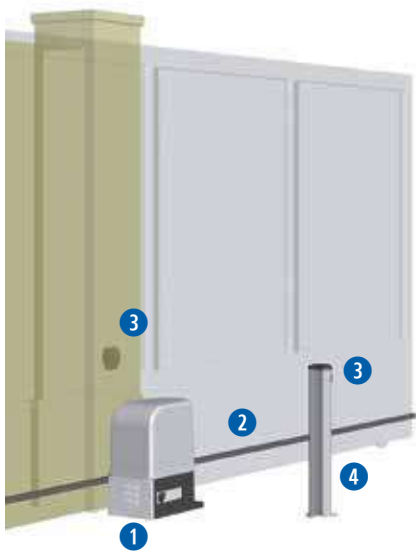
✗ NETLINK

COD.	Art.	EN 12453	EN 12454	DEA	CODE BOARD	OTHER CHARACTERISTICS
613210	25RRT	2500 kg	●●●●	400RR	✓	<ul style="list-style-type: none"> <li>• <b>ATTENTION: NOT COMPATIBLE WITH NETLINK</b></li> <li>• Self-locking with limit switches</li> <li>• Anti-crushing safety device</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> <li>• Anti-inertia braking device (version 25RRTF only)</li> </ul>
613215	25RRTF	2500 kg	●●●●	400RR	✓	<ul style="list-style-type: none"> <li>• <b>ATTENTION: NOT COMPATIBLE WITH NETLINK</b></li> <li>• Self-locking</li> <li>• Magnetic limit switches</li> <li>• Anti-crushing safety device</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>
613221	25RRT/M	2500 kg	●●●●	400RR	✓	<ul style="list-style-type: none"> <li>• <b>ATTENTION: NOT COMPATIBLE WITH NETLINK</b></li> <li>• Self-locking</li> <li>• Magnetic limit switches</li> <li>• Anti-crushing safety device</li> <li>• Speed adjustment and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> </ul>

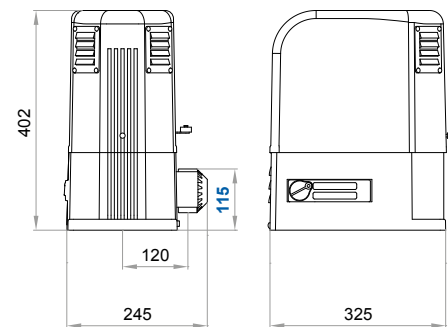
All models have (IB version excluded): control board and fixing plate to be cemented included


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**  
55cm column for photocell (2 pcs)

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

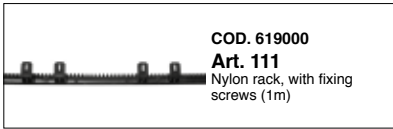
**6**  **COD. 663090**  
**Art. GT-KEY**  
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

**7**  **COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

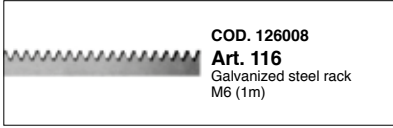
**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding

 **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. 360673**  
**Art. Pignone Z18/18**  
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



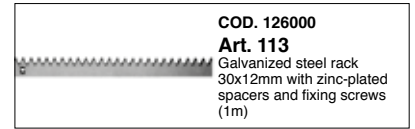
**COD. 171039**  
**Art. CR-20**  
Resistive edge L=2



**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

New 2020

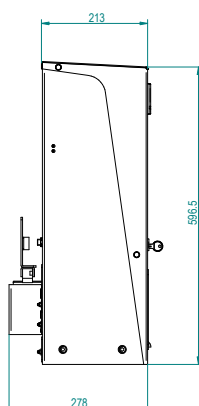
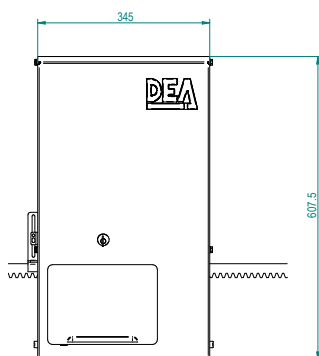
Painted steel vandal-proof box for REV and GULLIVER with magnetic limit switch (code 619070) and foundation plate

COD.	Art.	DIMENSIONS	kg
619100	IRONBOX/XS	359 x 607 x 219 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

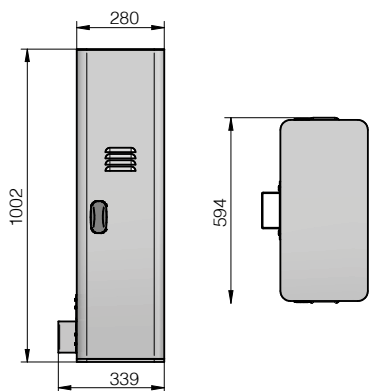


# IRONBOX

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

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"> <li>• Self-locking</li> <li>• Magnetic limit switches inside IRONBOX</li> <li>• Designed for IRONBOX</li> </ul>

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"> <li>• Self-locking</li> <li>• Magnetic limit switches inside IRONBOX</li> <li>• Motor control by encoder and obstacle detection</li> <li>• Designed for IRONBOX</li> </ul>

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

## GULLIVER - 400V AC operators without control board and motor cover



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

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







# SWING GATES



Choose the automation for your swing gate

## STING



- Up to 3m - 400kg
- 230V / 24V
- Residential use
- Available versions with encoder

## LIVI 502



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

## MAC



- Up to 3m - 400kg
- 230V / 24V
- Residential use
- Available versions with encoder

## ANGOLO



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

## 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 different sizes

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

Also available:  
fast version  
STING/24-BOOST,  
37mm/s

## 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	



# STING

**Electromechanical automation for  
swing gates  
up to 3 m - 400 kg**







**New: STING BOOST** is the new fast version at **37 mm/s!**



**Rapid unlocking device**, with **personalized steel key** (for STING) or plastic key (for MAC) in case of power failure

Robust structure, monobloc aluminium, perfect for a residential and collective usage

**Mechanical stops** available in open and close position (optional)



MAC

Steel mechanics and gearing

**Adjustable fixing plate**, to be screwed included



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM



**STING BOOST**  
Availability  
**Q2 2020**

## 230V ~ operators without control board



### STING unlocking device with key

COD.	Art.				OTHER CHARACTERISTICS
625050	STING				• For leaves up to 3m length
625052	STING/EN			✓	• With encoder, for leaves up to 3m

For MAC: fixing plate to be welded included

For STING: 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



### STING unlocking device with key

COD.	Art.			OTHER CHARACTERISTICS
625051	STING/24			• For leaves up to 3m length
625056	STING/24-BOOST (37 mm/s)			• For leaves up to 3m length

NEW

For MAC: fixing plate to be welded included

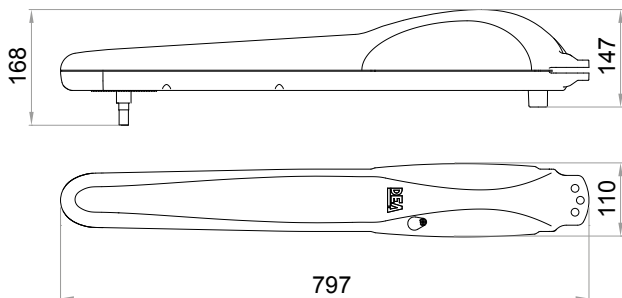
For STING: adjustable fixing plates to be screwed included (art. MLS/SFR)

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

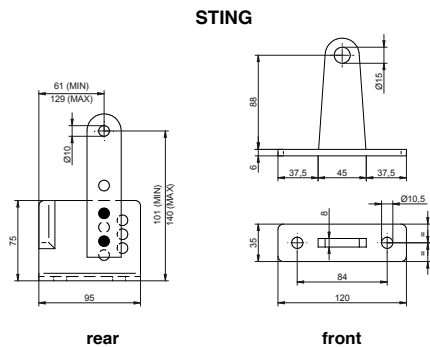
TECHNICAL INFO	STING	STING/EN	STING/24	STING/24-BOOST
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =	
Maximum power absorption (W)	300		60	85
Max thrust (N)	1650		1000	1000
Time with total stroke (s)	21		22	9
90° Opening time (s)*	16			9
Duty cycle (cycles/hours)	18	22	40	
N. max cycles in 24h	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 lower accordingly to the geometry of the installation

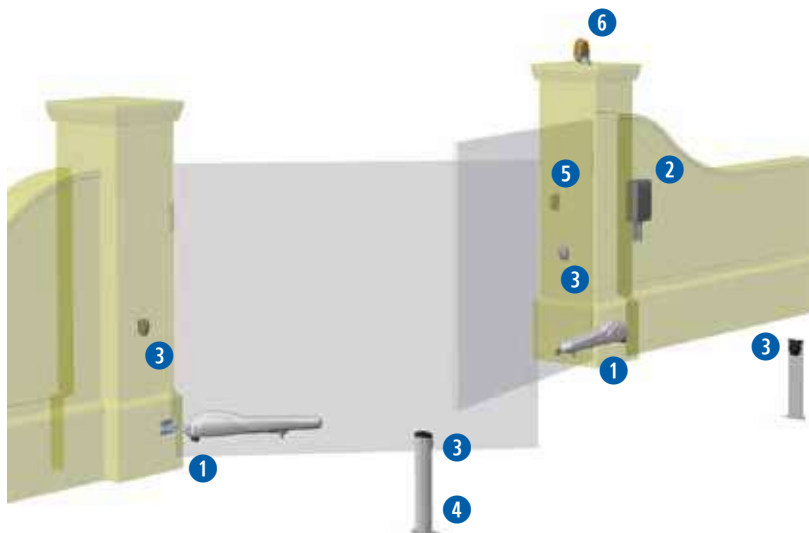
**DIMENSIONS**



**FIXING PLATES**




**EXAMPLE OF A TYPICAL INSTALLATION**



**KIT**


1  **COD. 625050**  
**Art. STING**  
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**  
55cm column for photocell (2 pcs)


**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. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

 **COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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 2020



**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

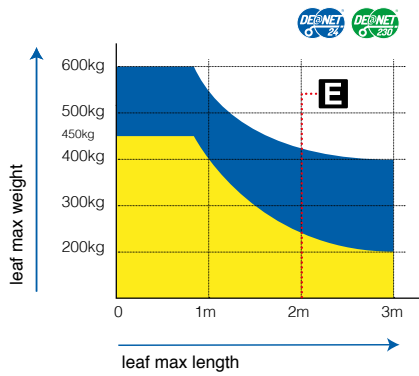


**COD. 629250**  
**Art. COL 515**  
 Anti-fall Stainless steel cable with 2 holes for swing gates



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

**GUIDE TO USE**



- = STING - STING/24 - STING/EN
- = 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.

# MAC

**Electromechanical automation for  
swing gates**

**up to 3 m - 400 kg**





Robust structure, monobloc aluminium, perfect for a residential and collective usage

**Mechanical stops** available in open and close position (optional)

Black versions available (art. MAC-BLACK eand MAC/24-BLACK)



**Adjustable fixing plate**, to be screwed optional



Steel mechanics and gearing



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM





## 230V ~ operators without control board



### MAC

COD.	Art.				OTHER CHARACTERISTICS
625010	MAC		395mm without MAC/FM 334mm with MAC/FM		• For leaves up to 3m length
625014	MAC-BLACK				

For **MAC**: fixing plate to be welded included

For **STING**: 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



### MAC

COD.	Art.			OTHER CHARACTERISTICS
625040	MAC/24		395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length
625044	MAC/24-BLACK			

For **MAC**: fixing plate to be welded included

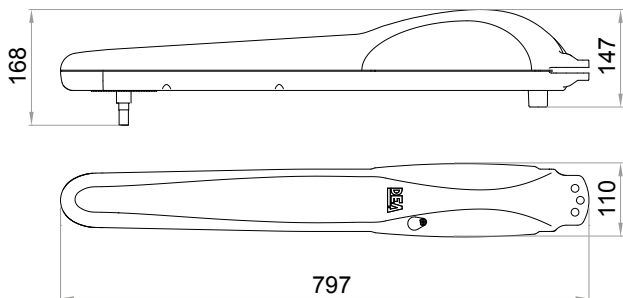
For **STING**: adjustable fixing plates to be screwed included (art. MLS/SFR)

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

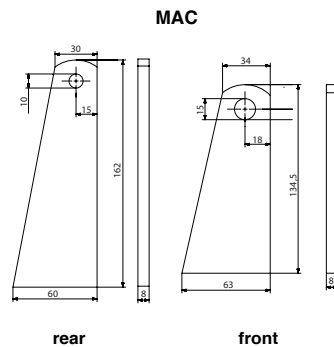
TECHNICAL INFO	MAC	MAC24
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	24V =
Maximum power absorption (W)	300	60
Max thrust (N)	1650	1000
Time with total stroke (s)	21	22
90° Opening time (s)*		16
Duty cycle (cycles/hours)	18	40
N. max cycles in 24h		90
Built-in capacitor (µF)	8	/
Operating temperature (°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 lower accordingly to the geometry of the installation

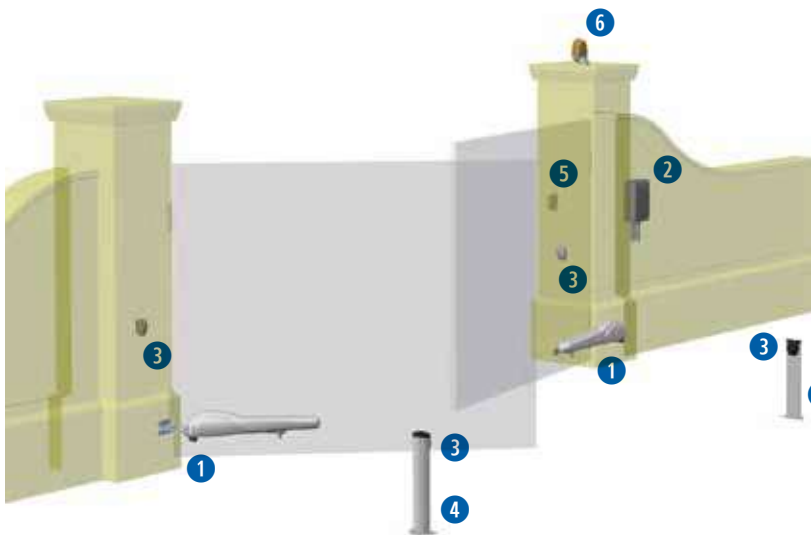
DIMENSIONS



FIXING PLATES




EXAMPLE OF A TYPICAL INSTALLATION



**KIT**


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

**KIT**

2  **COD. 677610**  
**Art. NET230NC**  
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**  
55cm column for photocell (2 pcs)


**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. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

 **COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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 2020

**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

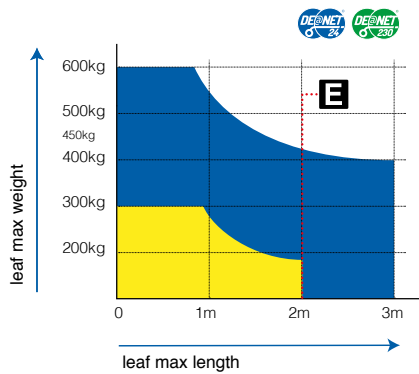


**COD. 629250**  
**Art. COL 515**  
 Anti-fall Stainless steel cable with 2 holes for swing gates



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

**GUIDE TO USE**



■ = MAC - MAC/24

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

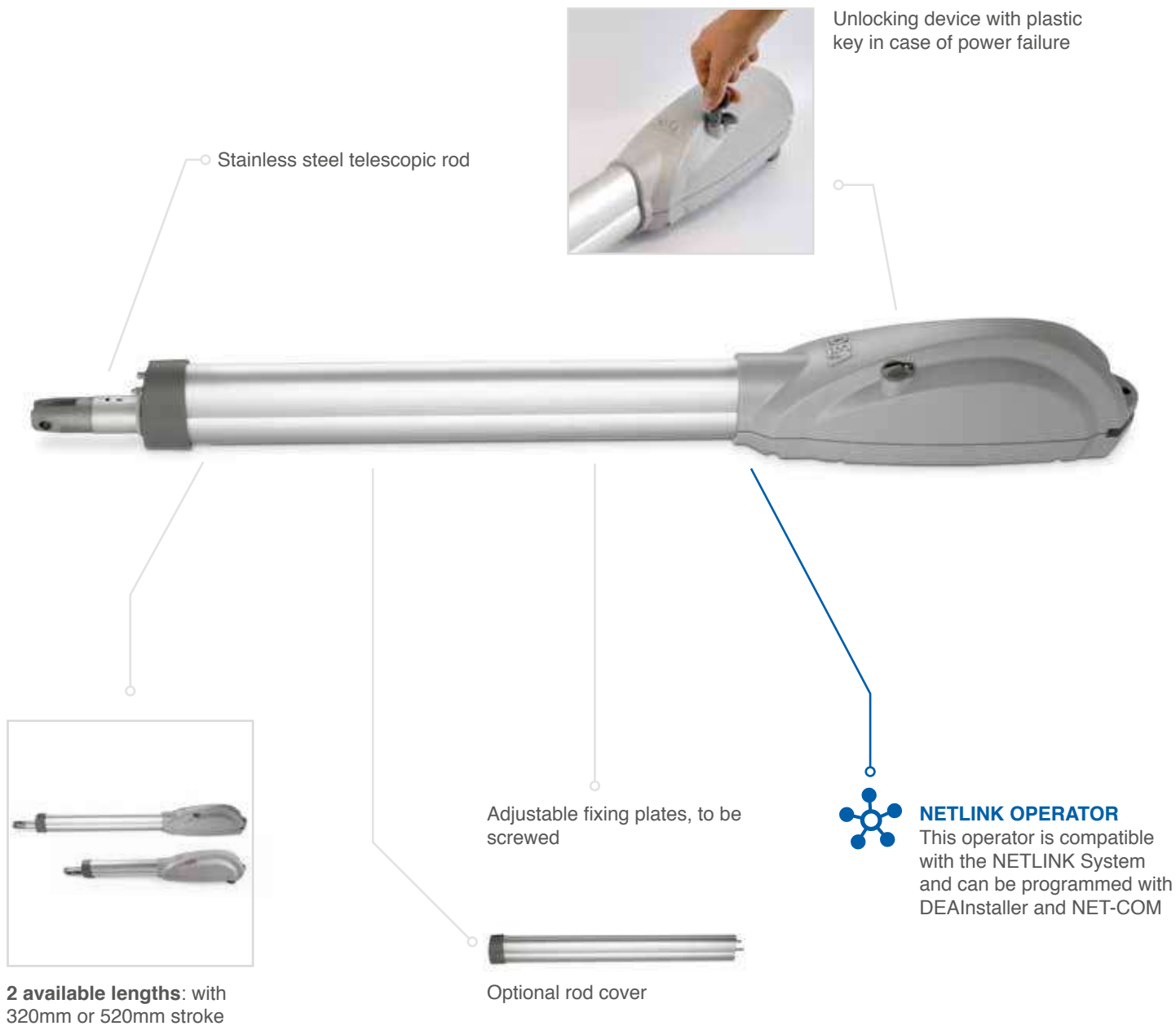
**Electromechanical automation for  
swing gates**

**up to 5 m - 280 kg**









Unlocking device with plastic key in case of power failure

Stainless steel telescopic rod

Adjustable fixing plates, to be screwed

Optional rod cover

2 available lengths: with 320mm or 520mm stroke



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM



## 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

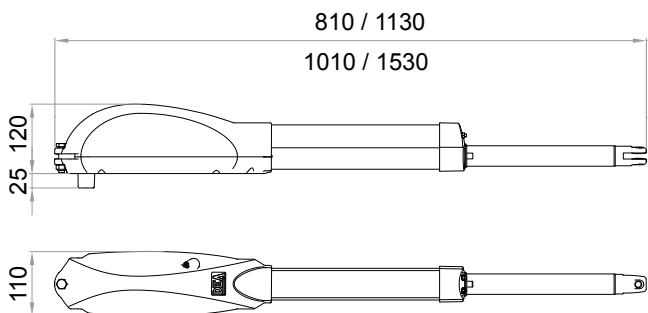


COD.	Art.		OTHER CHARACTERISTICS
629340	CS320	320mm	• Rod cover for ram: 320 mm stroke
629341	CS520	520mm	• Rod cover for ram: 520 mm stroke

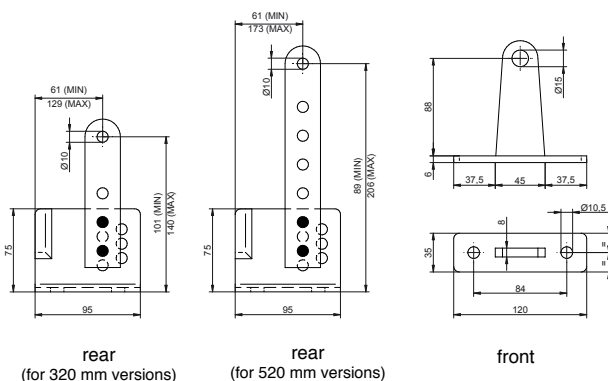
TECHNICAL INFO	351/SC - 351EN/SC	355/SC - 355EN/SC	371/SC - 372/SC	373/SC - 374/SC	371E/SC
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =		
Maximum power absorption (W)	300		60		50
Max thrust (N)	1650		1000		500
Time with total stroke (s)	20	33	21	34	21,5
90° Opening time (s)*	16	12,5	15		
Duty 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

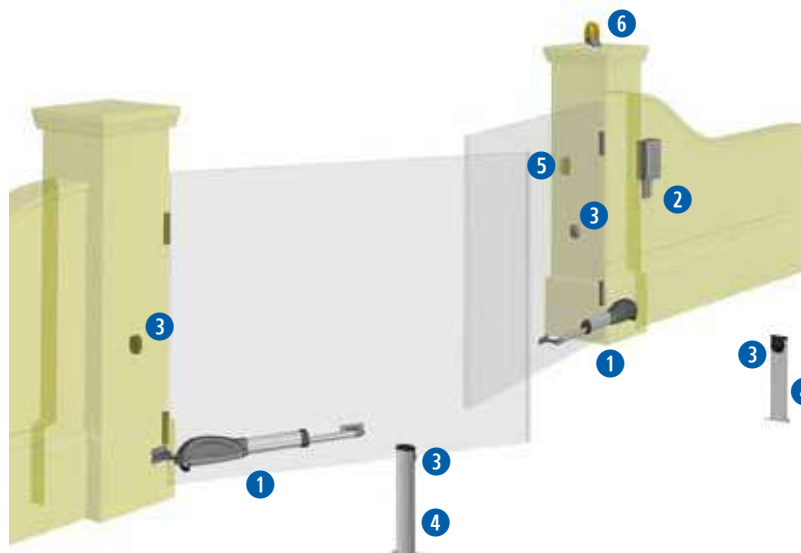
**DIMENSIONS**



**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**  
55cm column for photocell (2 pcs)

**5**

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

**KIT**

**6**

**COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

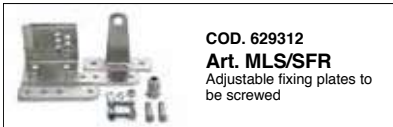
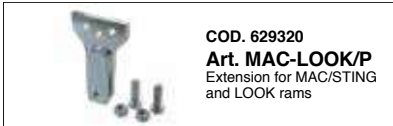
**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding

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

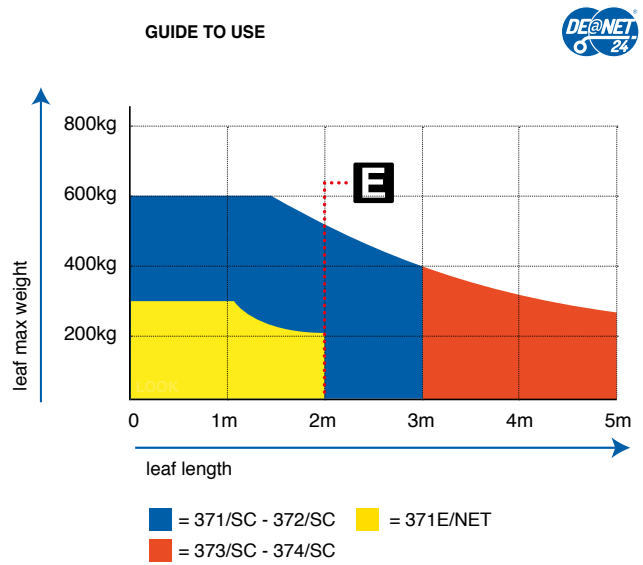
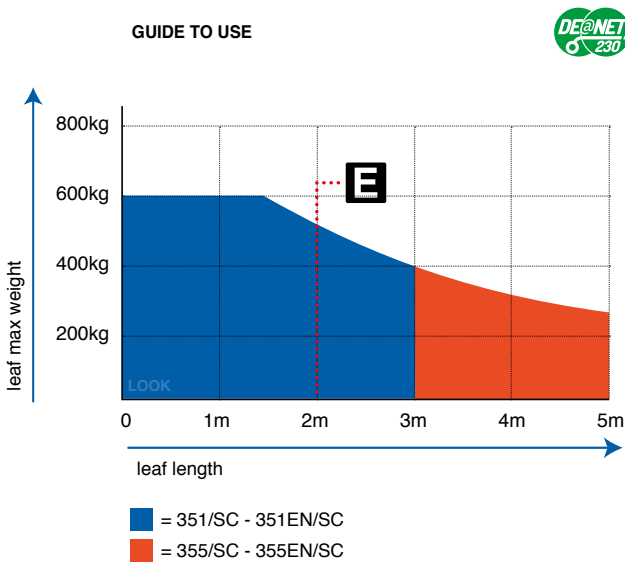
**KIT** for further details on the kits see price list 2020



## SPECIFIC ACCESSORIES



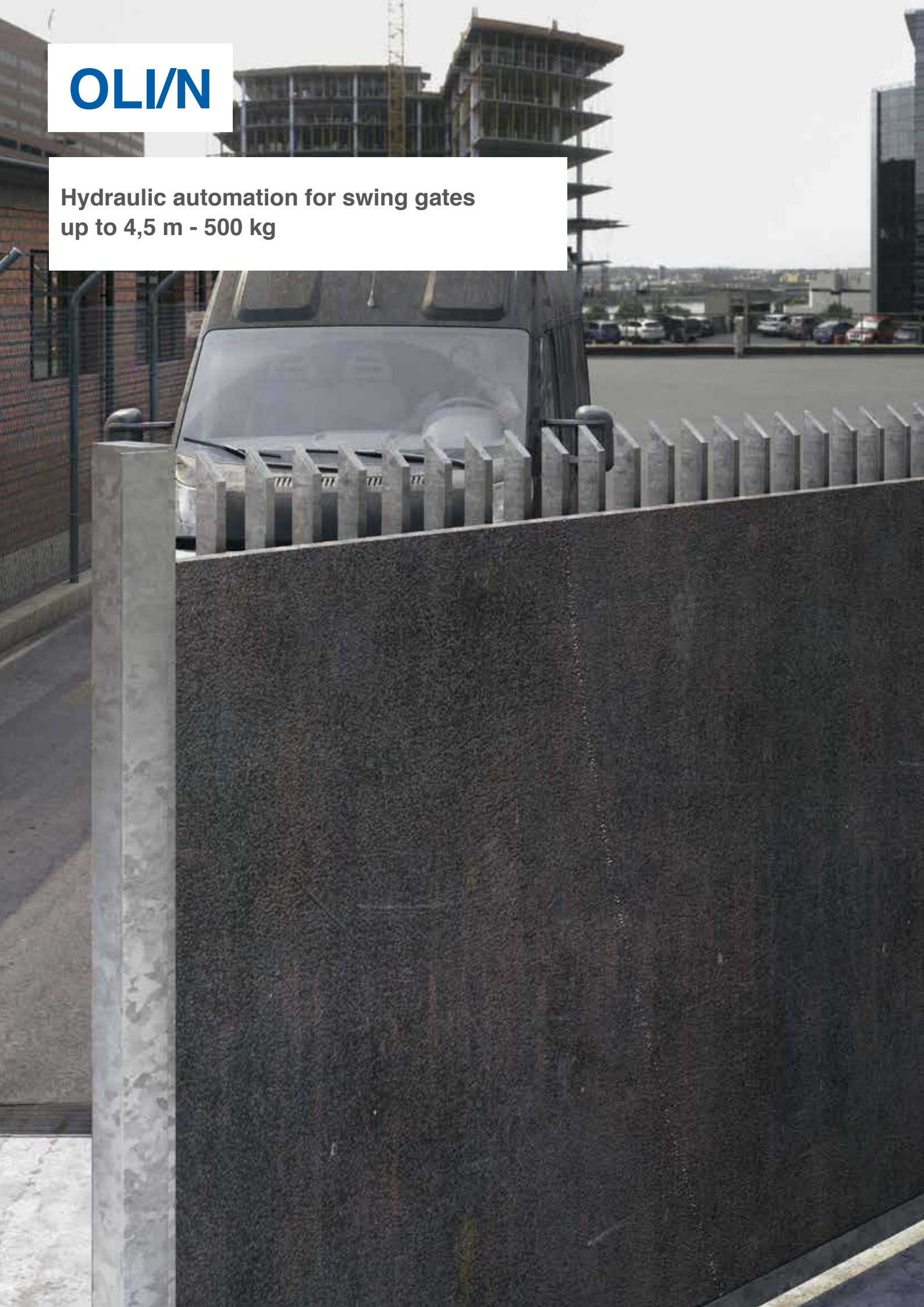
## GUIDE TO USE



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.

The logo for OLIN, consisting of the letters 'O', 'L', 'I', and 'N' in a bold, blue, sans-serif font, positioned in the top left corner of the image.

**Hydraulic automation for swing gates  
up to 4,5 m - 500 kg**







Models available with locks in opening and closing, fast or slow speed versions

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



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

Adjustable fixing plates to be screwed (optionals)



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM





Compatible with the Apps  
DEAinstaller and DEAsuser



## 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)

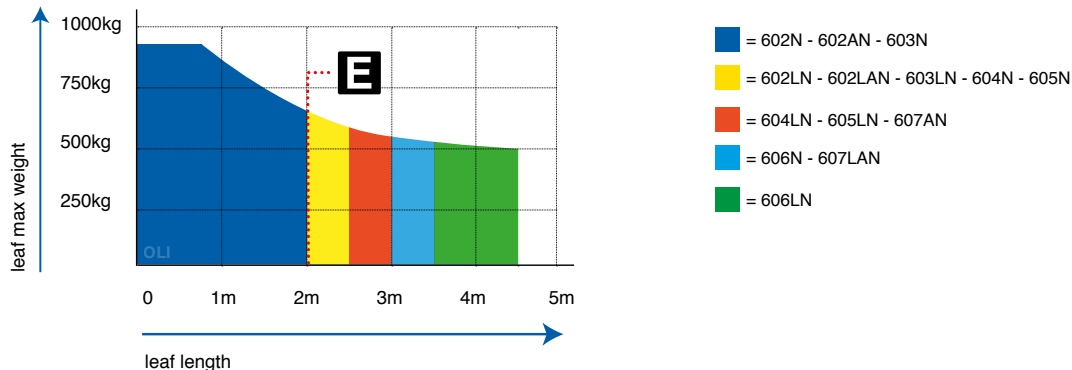
**Control board to complete the installation:** control board cod. 677610 art. NET230N/C (with box)

**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			

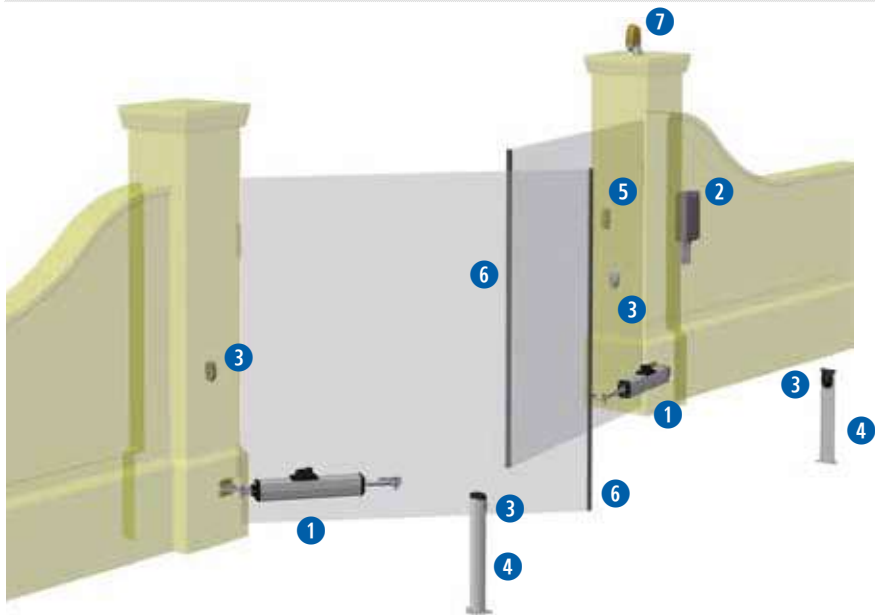
Used Oil: AGIP Arnica A15

### GUIDE TO USE

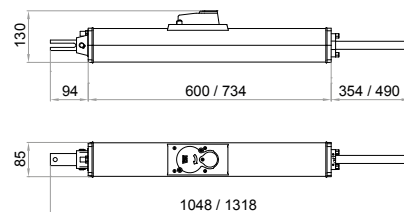


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary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

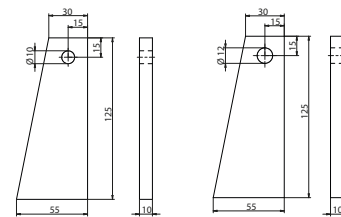
EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



FIXING PLATES



rear


front

**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**  
55cm column for photocell (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. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

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

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

SPECIFIC ACCESSORIES

**COD. 350360**  
**Art. 0/351 - 0/651**  
Galvanized plate 100x70 mm

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

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

# GEKO

**Electromechanical automation for  
swing gates**

**up to 2,5 m - 250 kg**

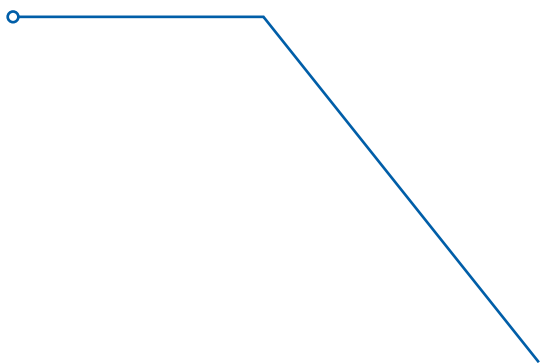






### NETLINK OPERATOR

This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM



Integrated mechanical stops for open and closed positions



Sliding arm (optional)



Can be used with external unlocking device by cable (art. GEKO/SF; to be used with BLINDOS - optional)



**KIT CLIMB** to allow you to install on a slope with a gradient up to 12% (optional)





Compatible with the Apps  
DEAinstaller and DEAuser



KIT



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

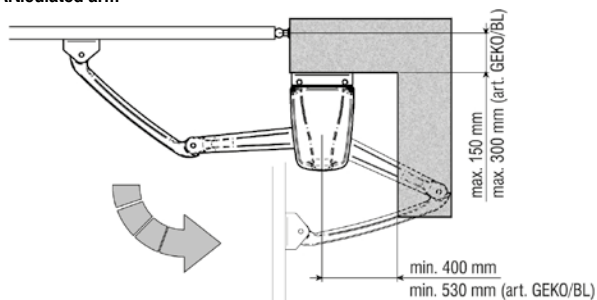


COD.	Art.				OTHER CHARACTERISTICS
628000	GEKO		✓	NET24N	<ul style="list-style-type: none"> <li>• 1 operator</li> <li>• Mechanical stops</li> <li>• Speed adjustment and slow down in opening and closing</li> </ul>
628010	GEKO/2		✓	NET24N	<ul style="list-style-type: none"> <li>• 2 operators / 1 control board</li> <li>• Mechanical stops</li> <li>• Speed adjustment and slow down in opening and closing</li> </ul>

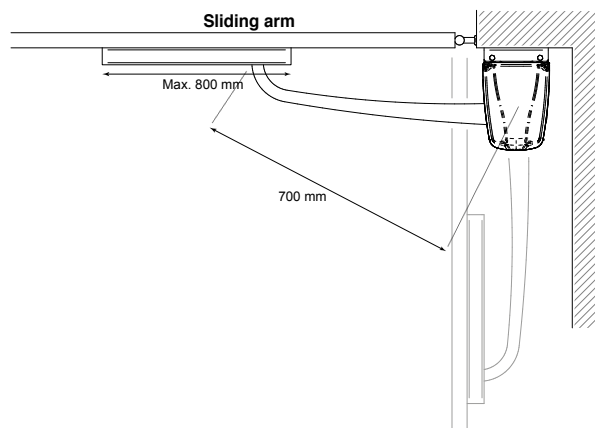
All models have: arm not included. N.1 control board NET24N, mounting plate and limit switches included.

## DIMENSIONS WITH ARMS

Articulated arm



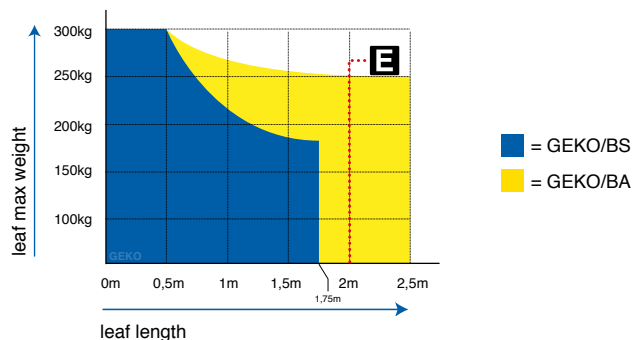
Sliding arm



Refer to instructions manual for installation dimensions

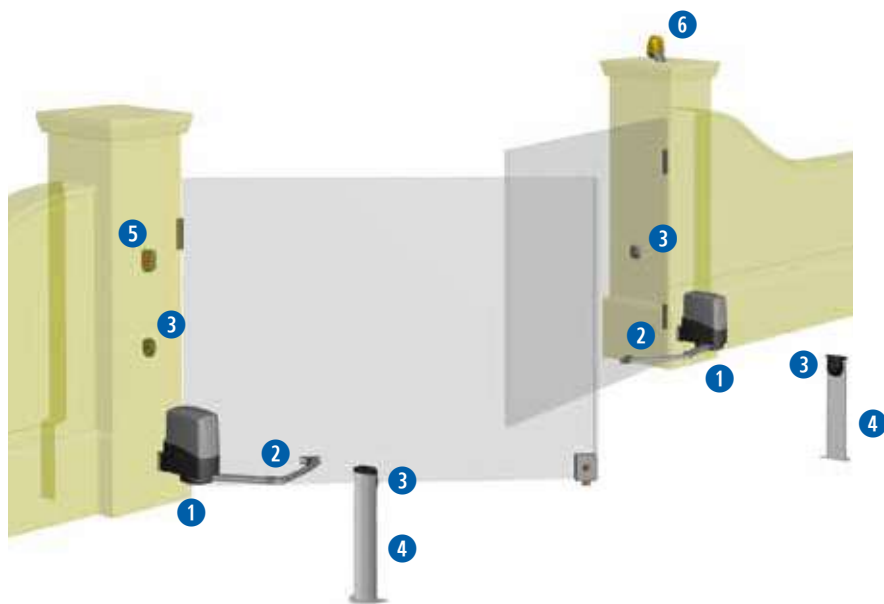
## GUIDE TO USE

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

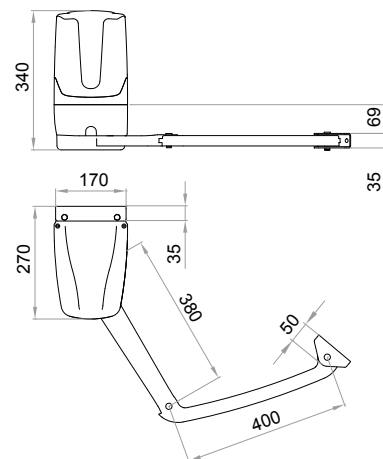


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary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

**4**

**COD. 664000**  
**Art. PILLY/60**  
55cm column for photocell (2 pcs)

**5**

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

**KIT**

**6**

**COD. 661083**  
**Art. AURA24**  
24V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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 2020

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



# 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



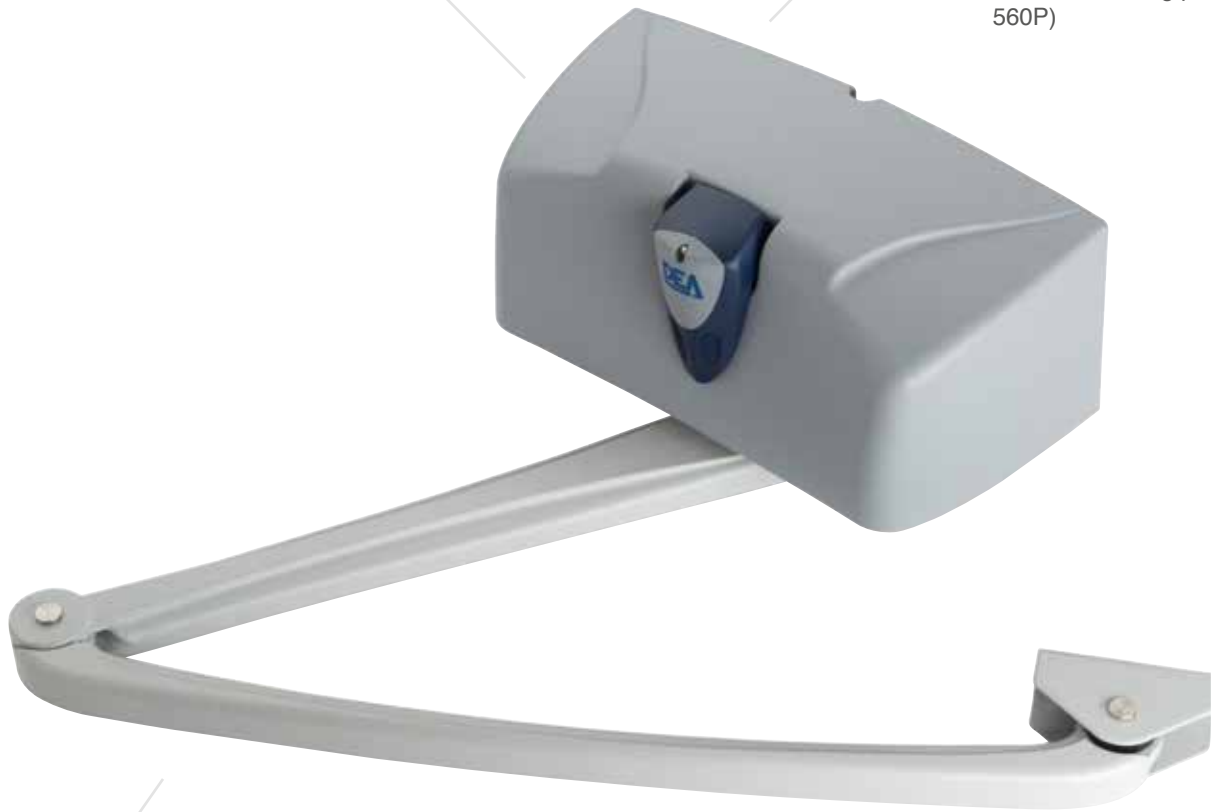






Quick release with customised metal key, protected from the weather.

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



Perfect for larger size pillars



Sliding arm (optional)



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM



# LIVI 502

LIVI 502



Compatible with the Apps  
DEAinstaller and DEAuser



KIT



## 230V ~ operators without control board and arm

✓ NETLINK

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

✓ NETLINK

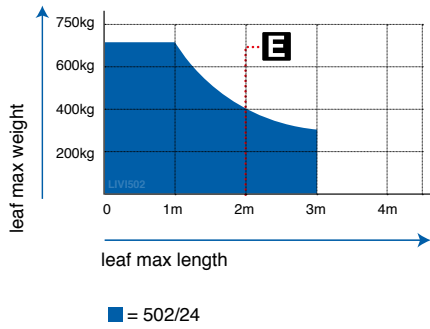
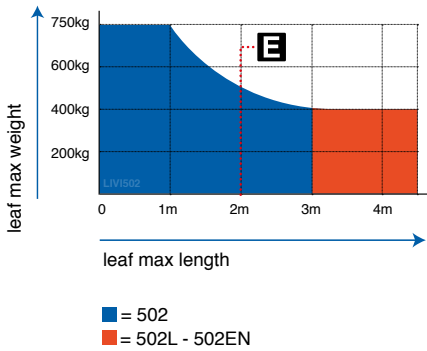
COD.	Art.			OTHER CHARACTERISTICS
623180	502/24	●●		• For leaves up to 3m length

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

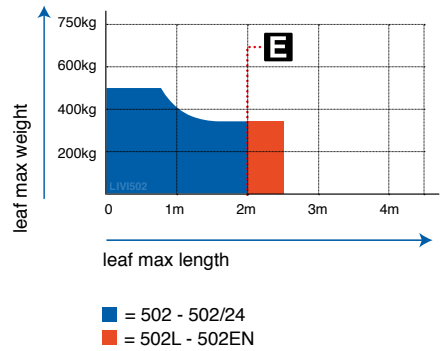
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)

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

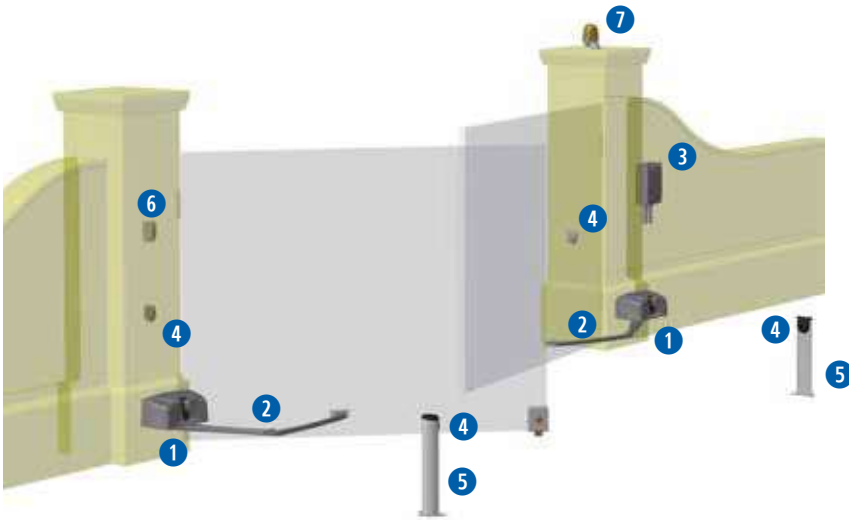


SLIDING ARM

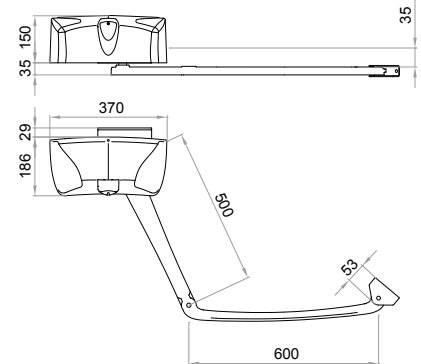


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary 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**  
55cm column for photocell (2 pcs)

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

7  **COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

 **COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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 2020

## SPECIFIC ACCESSORIES




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




**COD. 629100**  
**Art. 560M**  
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. 629350**  
**Art. KIT CLIMB**  
Adapter set for doors on slopes (for doors up to 2m - 150 kg, max gradient 12%)



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




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



**COD. 629330**  
**Art. SD502**  
Junction box



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



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

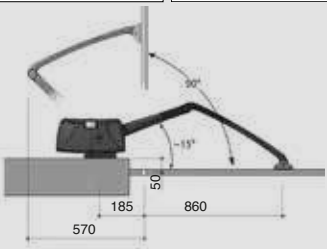



Diagram showing the installation of an articulated arm on a gate. The arm is shown in a 30° position. Dimensions include a 50mm offset from the gate edge, a 185mm distance from the gate edge to the mounting point, and an 860mm total length. The gate width is 570mm. The arm is angled at 15° relative to the horizontal.

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)

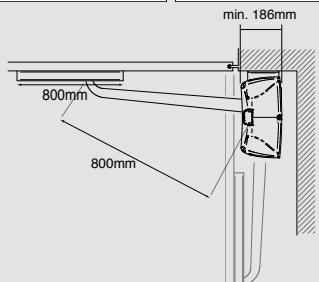


Diagram showing the installation of a rail sliding arm. The arm is shown in a 30° position. Dimensions include a minimum 186mm distance from the gate edge to the mounting point, and 800mm distances from the gate edge to the mounting point and from the mounting point to the end of the arm.

# ANGOLO

**Electromechanical automation for  
swing gates**

**up to 2,3 m - 200 kg**







Can be used with external unlocking device by cable (art. GEKO/SF; to be used with BLINDOS - optional)



Small dimensions (width 114mm)

Integrated control board



Sliding arm (optional)



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM



Compatible with the Apps  
DEAinstaller and DEAUser



PACK



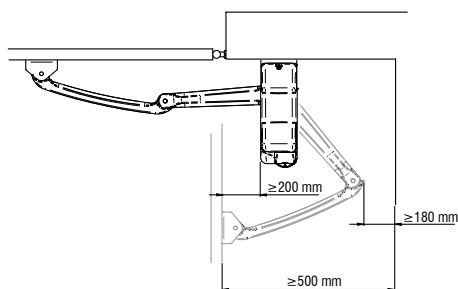
## 24V ~ operators with control board, without arm



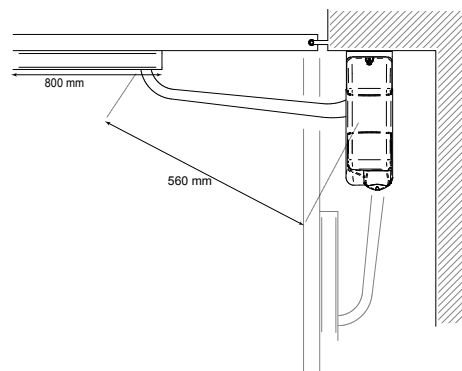
COD.	Art.		DEA	OTHER CHARACTERISTICS
626300	ANGOLO24NET/1		NET24N	<ul style="list-style-type: none"> <li>• 1 operator</li> <li>• Anti-crushing safety device</li> <li>• Speed adjustment and slow down in opening and closing</li> </ul>

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

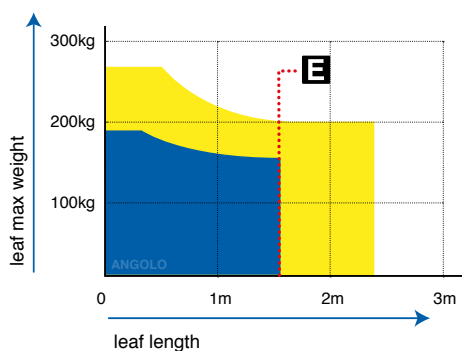
## DIMENSIONS WITH ARMS



Refer to instructions manual for installation dimensions



## GUIDE TO USE

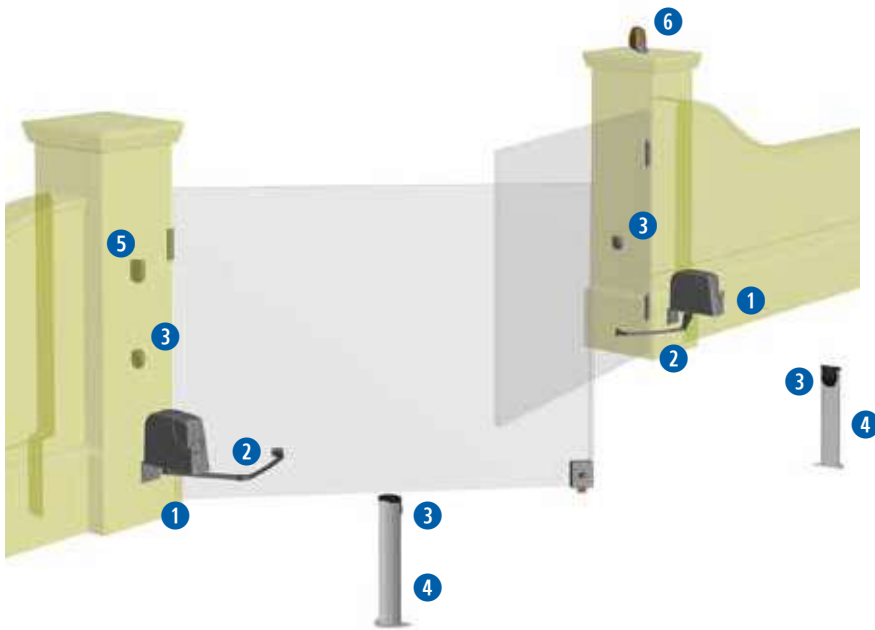


If the leaf length is bigger than 1,5 meters or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table.

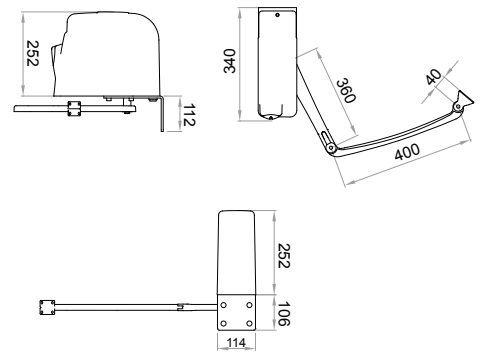
- = GEKO/BS
- = GEKO/BA

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**  
55cm column for photocell (2 pcs)

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

**PACK**

6  **COD. 661083**  
**Art. AURA24**  
24V flashing light, LED, with integrated antenna, 433 MHz

**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 2019



## SPECIFIC ACCESSORIES



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



**COD. 629261**  
**Art. GEKO/BS**  
Braccio a slitta in ferro verniciato



**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

# GHOST 100

Electromechanical underground automation  
for swing gates

up to 3,5 m - 400 kg









Leaf opening up to 180° with art. 116GN



Monobloc, aluminium structure



Standard foundation box with cataphoresis treatment

Foundation box also available in Stainless steel version

Integrated mechanical stops (standard)



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM



# GHOST 100



Compatible with the Apps DE@installer and DE@user

KIT

## 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

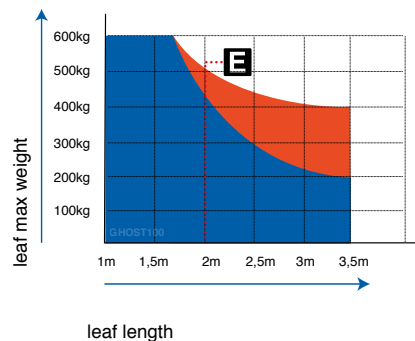
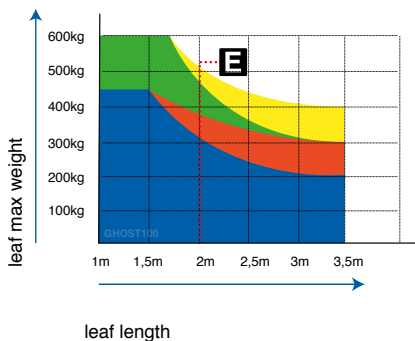
## 24V = operators without control board, with mechanical stops



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

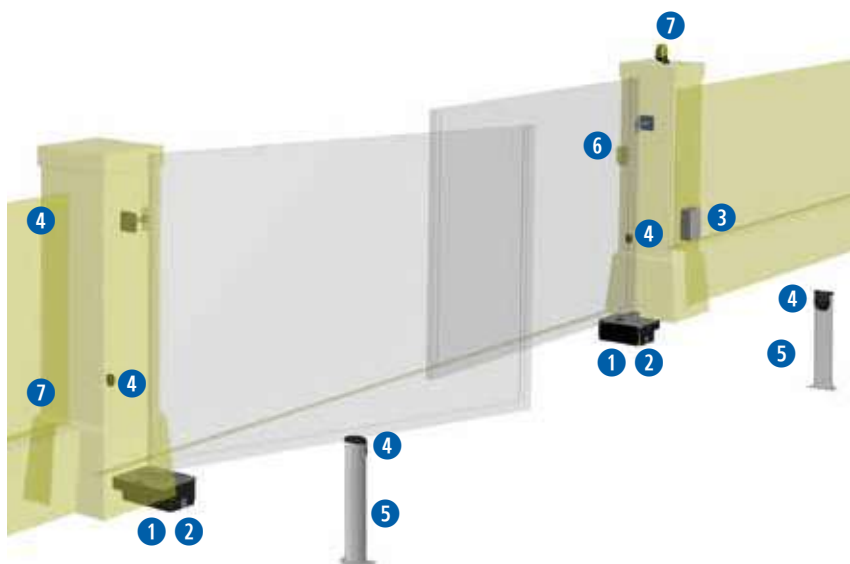


- = models with encoder and mechanical limit switches incorporated in the operator
- = models with encoder and mechanical stops on the ground
- = models with mechanical limit switches incorporated in the operator
- = models with mechanical stop on the ground

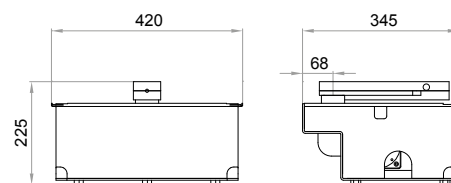
If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary 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 level		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 photocell for outdoor installation. Maximum range 20m

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


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

**KIT**



**7** COD. 661063  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**



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

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

**KIT** for further details on the kits see price list 2020

## 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



# GHOST 200

Electromechanical underground automation  
for swing gates

up to 4 m - 400 kg









Leaf opening up to 180° with art. 216GN



Operator structure with anti-corrosion treatment



Standard foundation box with cataphoresis treatment

Foundation box also available in Stainless steel version

Integrated mechanical stops (optional)

Rapid or slow version available



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM

# GHOST 200



Compatible with the Apps  
DEAinstaller and DEAuser

KIT

## 230V ~ operators without control board



COD.	Art.			OTHER CHARACTERISTICS
621040	200CL	●●		• Underground operator with connection lever and complete with 8m of cable
621013	200L/CL	●●		• 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



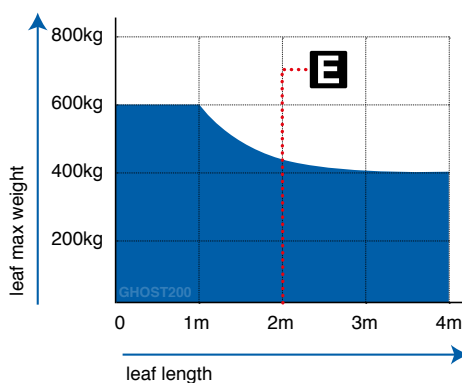
COD.	Art.		OTHER CHARACTERISTICS
621050	200/24CL	●●●	• Underground operator with connection lever and complete with 8m of cable

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

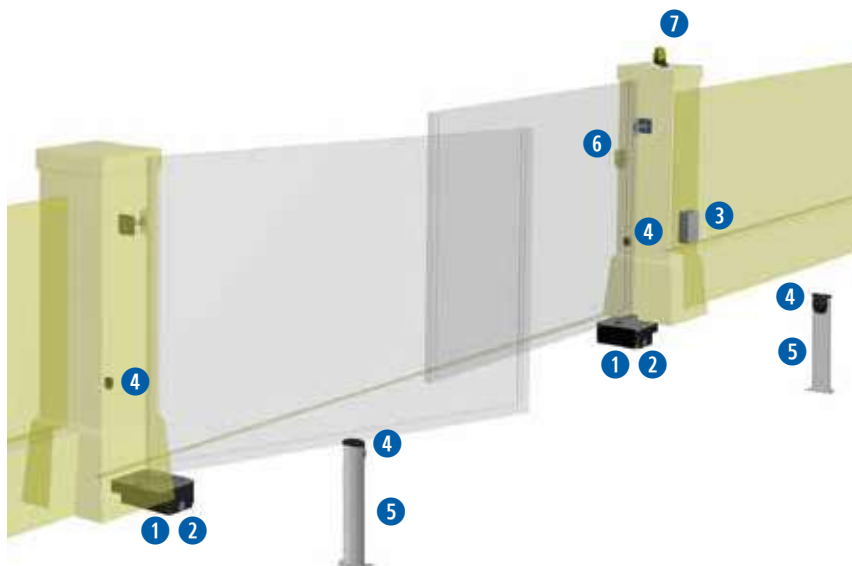


If the leaf length is bigger than 2m or if you use reversible models you must install the electric-lock to block the gate in closed position. The height and the leaf structure, as well as the presence of strong wind, can cause the reduction of the value of the data contained in table or make it necessary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

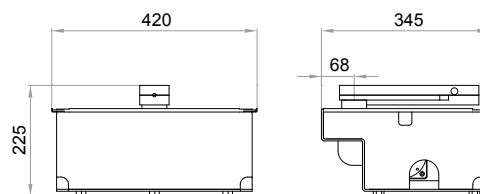


TECHNICAL INFO	200CL	200L/CL	200/24CL
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V =
Maximum power absorption (W)	400	330	150
Max torque (Nm)	320	300	210
Duty cycle (cycles/hours)	20 - 28	18	40
N. max cycles in 24h.	200		280
Built-in capacitor (µF)	12,5		/
Operating temperature (°C)	-20 ÷ 50		
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**  
55cm column for photocell (2 pcs)

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

**KIT**

**7** **COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**KIT**

**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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 2020

## 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°



# COUNTERWEIGHT DOORS



Choose the operator suitable for your counterweight:



## LIVI 902

- 1 operator up to 9m<sup>2</sup> - 2 operators over 9m<sup>2</sup>
- 230V
- Semi-intensive use

## SELECTION GUIDE

Choose the garage door size in square meters



Area	Quantity	Voltage	Icon 1	Icon 2	Icon 3	Art.
< 9m <sup>2</sup>	X 1	230V	●●	✓	✓	905NET/IP/BF
			●●		✓	902EN/IP/BF
< 9m <sup>2</sup>	X 1	24V	●●	✓	✓	905/24NET/BF
			●●		✓	902/24EN/BF
> 9m <sup>2</sup>	X 2	230V	●●	✓	✓	905NET/IP/BF
			●●		✓	902EN/IP/BF
> 9m <sup>2</sup>	X 2	24V	●●	✓	✓	905/24NET/BF
			●●		✓	902/24EN/BF





# LIVI 902

**Electromechanical automation for  
counterweight overhead doors**

**1 operator up to 9m<sup>2</sup> - 2 operators over 9m<sup>2</sup>**







Strong mechanical and metal cogs



Integrated manual unlocking device



New versions are available, with high IP level **IP44**

External unlocking device with art. 960C



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAINSTALLER and NET-COM

# LIVI 902



LIVI 902



Compatible with the Apps  
DEAinstaller and DEAuser



KIT

## 230V ~ operators with control board, without fixing plate



COD.	Art.		DEA	Rpm	EN COD ER	OTHER CHARACTERISTICS
633414	905NET/IP/BF		NET230N	1.400	✓	<ul style="list-style-type: none"> <li>• Designed for unlocking device by cable</li> <li>• Magnetic encoder</li> <li>• IP44</li> </ul>

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

## 230V ~ operators without control board and fixing plate

COD.	Art.		Rpm	EN COD ER	OTHER CHARACTERISTICS
633353	902EN/IP/BF		1.400	✓	<ul style="list-style-type: none"> <li>• Designed for unlocking device by cable</li> <li>• Magnetic encoder</li> <li>• IP44</li> </ul>

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.		DEA	Rpm	EN COD ER	OTHER CHARACTERISTICS
633432	905/24NET/BF		NET24N	1.400	✓	<ul style="list-style-type: none"> <li>• To place external unlocking device handle</li> <li>• Magnetic encoder</li> </ul>

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

## 24V ~ operators without control board and fixing plate

COD.	Art.		DEA	Rpm	EN COD ER	OTHER CHARACTERISTICS
633175	902/24EN/BF		NET24N	1.400	✓	<ul style="list-style-type: none"> <li>• Designed for unlocking device by cable</li> <li>• Magnetic encoder</li> </ul>

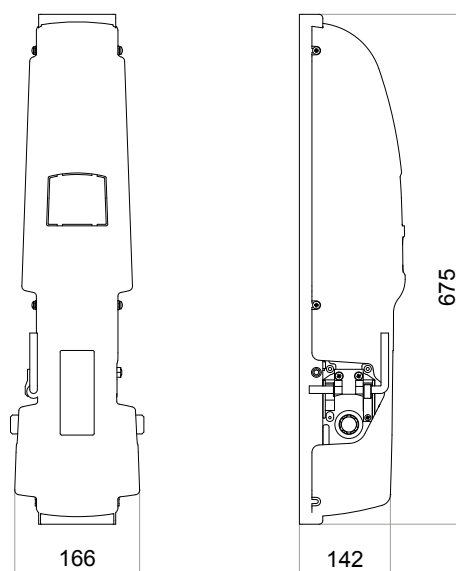
All 902 models: control board and fixing plate not included.

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

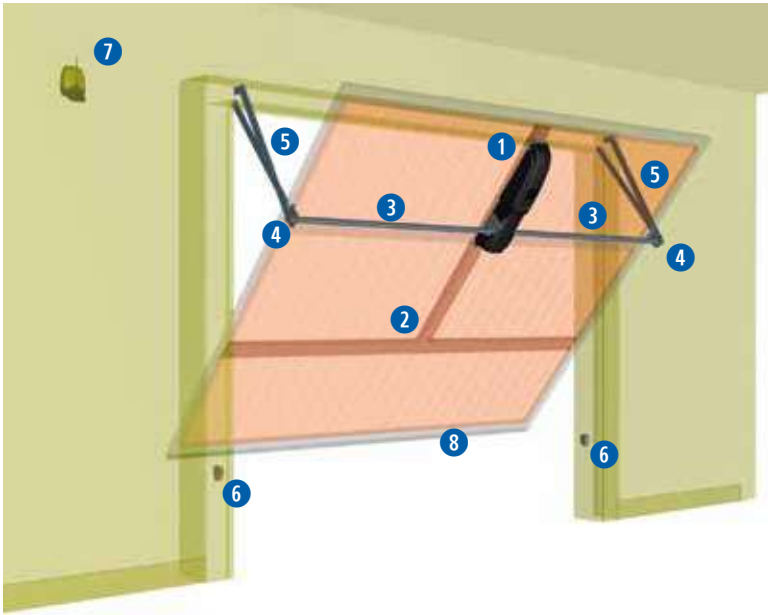


TECHNICAL INFO	905NET/IP/BF - 902EN/IP/BF	905/24NET/BF - 902/24EN/BF
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	24V =
Maximum power absorption (W)	300	80
Max torque (Nm)	295	180
Duty cycle (cycles/hours)	28	35
N. max cycles in 24h.	220	290
Built-in capacitor (µF)	8	-
Operating temperature (°C)	-20 ÷ 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)

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

**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. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

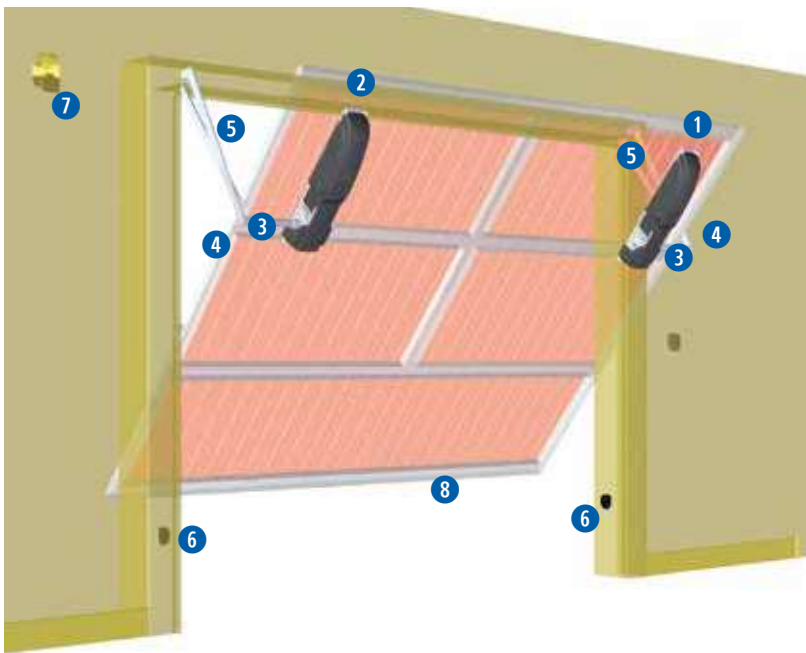
**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding

**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. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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. 639560**  
**Art. 955**  
Pipe support Ø=30mm (to be screwed)



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



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



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



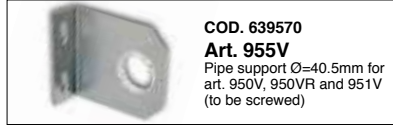
**COD. 639160**  
**Art. 954V**  
Splined bushing with pipe L=300mm to be screwed



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



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



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



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



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



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



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



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



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



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



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



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



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



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





# SECTIONAL AND COUNTERWEIGHT SPRING DOORS



Choose the operator for your garage door:



## ADVANCE

- Up to 16m<sup>2</sup>
- 24V
- For residential use
- 600N and 1200N versions



## SPACE

- Up to 16m<sup>2</sup>
- 24V
- Residential and semi-intensive use
- 600N, 800N and 1200N versions



## TEO 700

- Up to 9m<sup>2</sup>
- 24V
- Residential use
- 1000N version

## SELECTION GUIDE

Choose the maximum size in square meters of the sectional door

							Art.	
<9m <sup>2</sup>	1000N	24V	●			✓	TEO700	
<10m <sup>2</sup>	600N	24V	●	✓	NET724N		ADVANCE	
							SPACE	
<12m <sup>2</sup>	800N	24V	●	✓	NET724N/XL		SPACE/L	
<16m <sup>2</sup>	1200N	24V	●	✓	NET724N/XL		ADVANCE/XL	
							SPACE/XL	
			●●				SPACE/XXL	

# ADVANCE

Automation for sectional and counterweight spring doors up to 16m<sup>2</sup>









External control board, with control buttons



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM

Quick opening (17cm/s) and very silent, thanks to the steel track with belt



Reinforced belt with steel core

Standard rail with interlocking system 3200mm (art. AB16)

Two channel encoder



Compatible with the Apps **DEA**installer and **DEA**user

**KIT**



**NETLINK**

## 24V ∞ operators with control board and encoder

COD.	Art.	600N	2ch. encoder	NET724N	OTHER CHARACTERISTICS
636052	ADVANCE	600N	✓	NET724N	<ul style="list-style-type: none"> <li>• Motor with 2 channels encoder</li> <li>• Separated control board with box, programming by display, Open/Close external push buttons, LED courtesy light</li> <li>• Built-in receiver for up to 100 remote controls</li> <li>• 3 steps simplified programming</li> <li>• Quick connection of the motor in the track</li> <li>• Continuous adjustment of the stroke and forces</li> <li>• Secured programming procedure</li> </ul>
636061	ADVANCE/XL	1200N	✓	NET724N/XL	

All models: control panel with box for wall mounting and 1 transmitter art. GT14 included. **Track not included.**

## Iron track with belt:

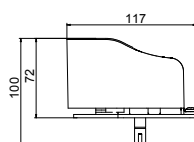
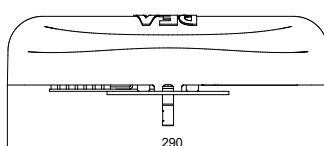


COD.	Art.	CHARACTERISTICS
636090	AB16	Steel track with belt, 2 pcs, 1.600+1.600 mm ADVANCE series: useful stroke: 2.776 mm
636093	AB20*	Iron track with belt, 2 pcs., 2.000 + 2.000 mm ADVANCE series: useful stroke: 3.576 mm

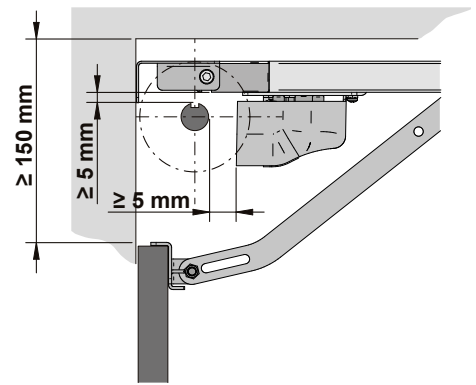
\*Recommended: to use with art. AB/BRACKET cod. 639381

TECHNICAL INFO	ADVANCE	ADVANCE/XL
Motor power supply (V)	24V ∞	
Maximum power absorption (W)	100	180
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	16
Weight with packing (Kg)	4	
Sound pressure (dBA)	< 70	
Protection level	IPX0	

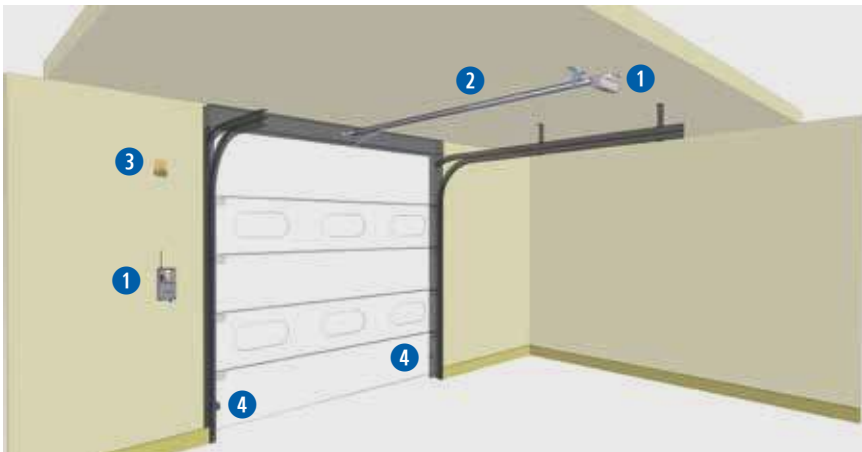
## DIMENSIONS



DOOR SIDE INSTALLATION



STANDARD SIDE INSTALLATION



**KIT**

**1**

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

**KIT**

**2**

**COD. 636090**  
**Art. AB16**  
Iron track with belt, 2 pcs., 1.600 + 1.600 mm

**KIT**

**3**

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

**3**

**COD. 661083**  
**Art. AURA24**  
24V flashing light, LED, with integrated antenna, 433 MHz

**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 2020

## SPECIFIC ACCESSORIES



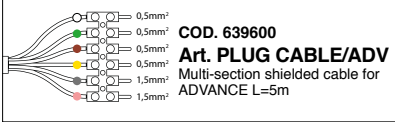
**COD. 639381**  
**Art. AB/BRACKET**  
Fixing plate set for track



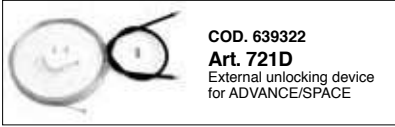
**COD. 639350**  
**Art. 723**  
Arm adaptor for sectional doors



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



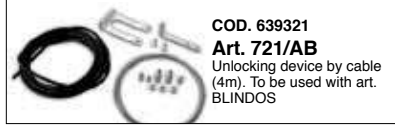
**COD. 639600**  
**Art. PLUG CABLE/ADV**  
Multi-section shielded cable for ADVANCE L=5m



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



**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



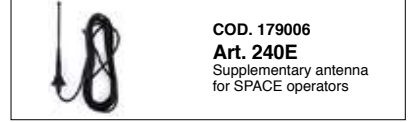
**COD. 665000**  
**Art. BLINDOS**  
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.



**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 SPACE operators



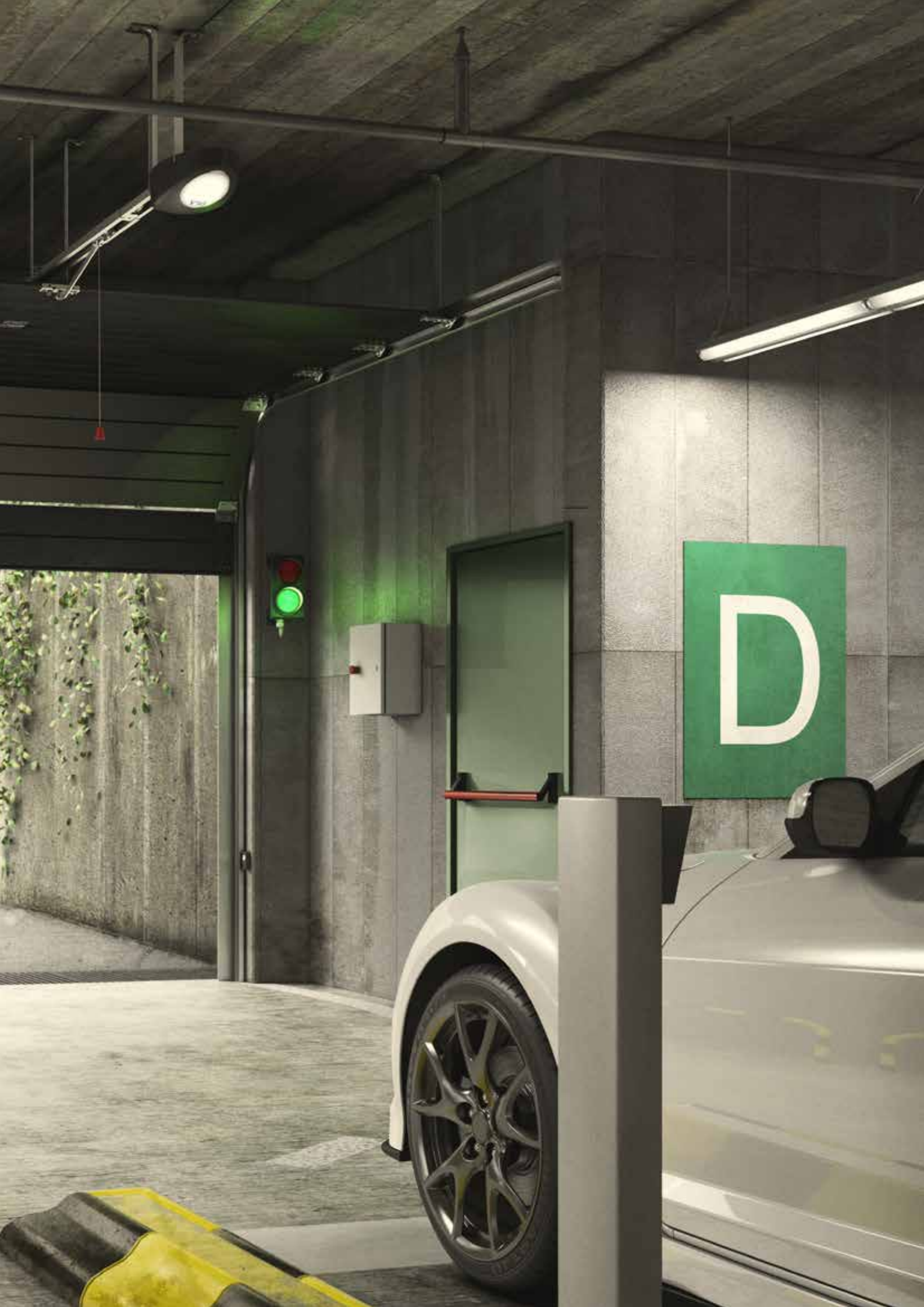
**COD. 639371**  
**Art. 761C**  
Unlocking device by cable complete with hole cover lock



# SPACE

Sectional and counterweight spring doors  
up to 16m<sup>2</sup>





Reinforced belt with steel core  
Two channel encoder

Standard rail with interlocking system 3200mm (art. AB16)

Quick opening (17cm/s) and very silent, thanks to the steel track with belt

Integrated courtesy light



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM





Compatible with the Apps  
DEAinstaller and DEAuser



KIT

## 24V = operators with control board and encoder



COD.	Art.					OTHER CHARACTERISTICS
636007	SPACE	✓	600N		NET724N	<ul style="list-style-type: none"> <li>• Motor with 2 channels encoder</li> <li>• Integrated control board with receiver for up to 100 remote controls</li> <li>• 3 steps simplified programming</li> <li>• Quick connection of the motor to the track</li> <li>• Continuous adjustment of stroke and forces</li> <li>• Secured programming procedure</li> </ul>
636100	SPACE/L	✓	800N		NET724N/XL	
636015	SPACE/XL	✓	1200N		NET724N/XL	
636016	SPACE/XXL*	✓	1200N		NET724N/XL	

For all models: control panel and 1 transmitter art. GT14 included. Track not included.

\* SPACE/XXL: art. AB/FM included

## Steel track with belt:



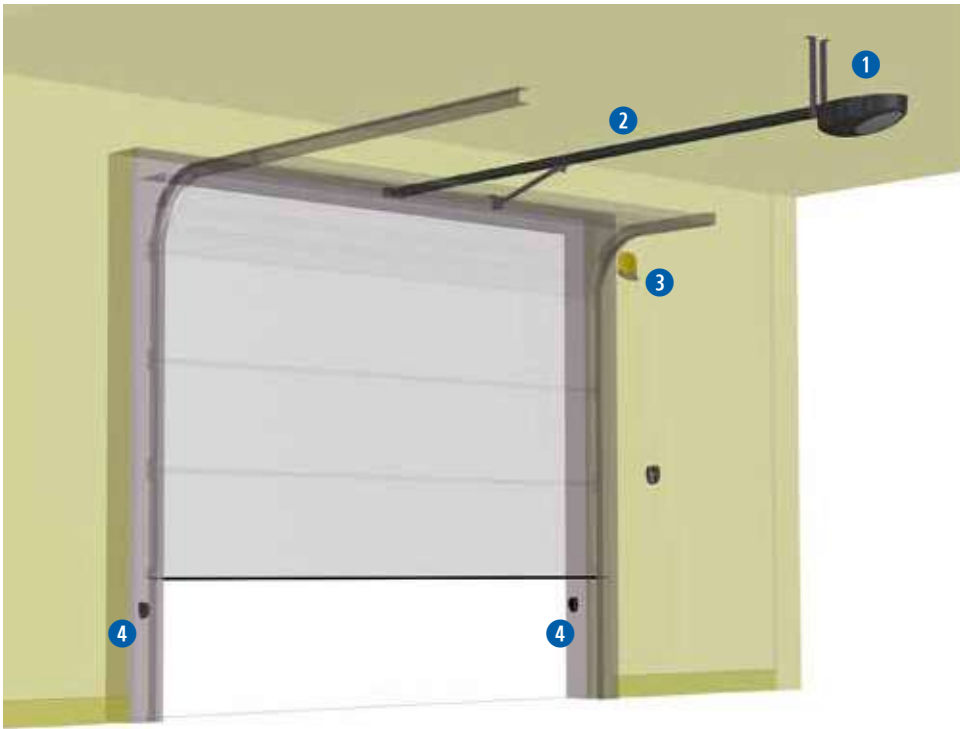
COD.	Art.	CHARACTERISTICS
636090	AB16	Steel track with belt, 2 pcs, 1.600+1.600 mm SPACE series: useful stroke: 2.668 mm
636093	AB20*	Iron track with belt, 2 pcs, 2.000 + 2.000 mm SPACE series: useful stroke: 3.468 mm

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

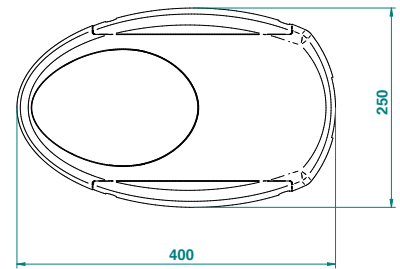
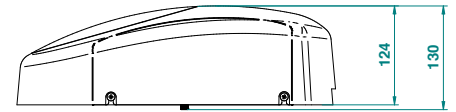
TECHNICAL INFO	SPACE	SPACE/L	SPACE/XL	SPACE/XXL
Motor power supply (V)	24V =			
Maximum power absorption (W)	100	120	180	230
Max thrust (N)	600	800	1200	1200
Duty cycle (cycles/hours)	20	25	25	35
N. max cycles in 24h.	60	75	75	350
Operating temperature (°C)	-20 ÷ 50			
Speed (cm/s)	17		16	13
Weight with packing (Kg)	5		6	
Sound pressure (dBA)	< 70			
Protection level	IP20			




## EXAMPLE OF A TYPICAL INSTALLATION



### DIMENSIONS



**KIT**




**1 operator SPACE - 24V**

**KIT**



**COD. 636090**  
**Art. AB16**  
Iron track with belt, 2 pcs., 1600 + 1600 mm, stroke 2776 mm

**KIT**




**COD. 672645**  
**Art. GTI4**  
Serialized white 4-channel remote control, 433 MHz, with 3 coding: 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. 661083**  
**Art. AURA24**  
24V flashing light, LED, with integrated antenna, 433 MHz

**KIT** for further details on the kits see price list 2020

## SPECIFIC ACCESSORIES



**COD. 639381**  
**Art. AB/BACKET**  
Fixing plate set for track



**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 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



# KIT PARKING SPACE/XXL

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



SPACE/XXL\*

+



STEELBOX

+



NET724N/XL/PROBOX

+



NET-EXPANSION

## SPECIFIC ACCESSORIES



**COD. 636090**  
**Art. AB16**  
Iron track with belt, 2 pcs.,  
1600 + 1600 mm, stroke  
2776 mm



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



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



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



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

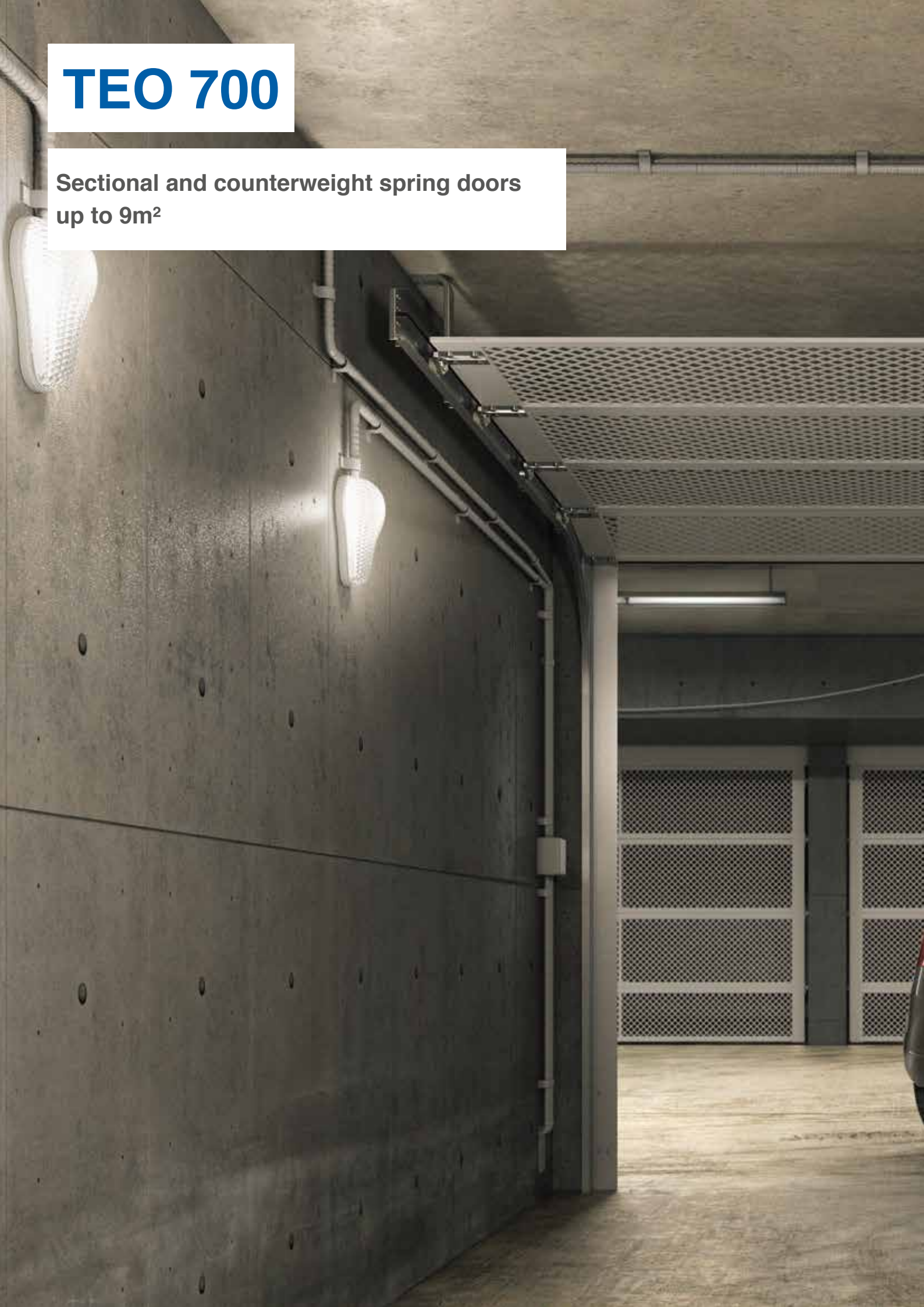


**COD. 639301**  
**Art. AB/EXTENSION**  
1600mm extension for steel  
track art. AB16 complete with  
joint and 9450 mm full belt

\* Track NOT included.

# TEO 700

Sectional and counterweight spring doors  
up to 9m<sup>2</sup>











# TEO 700



## 24V ~ operators with control board incorporated and encoder



COD.	Art.				OTHER CHARACTERISTICS
636021	KIT TEO 700	1000N		✓	<ul style="list-style-type: none"> <li>• Pre-assembled steel track length= 3300 mm (one piece)</li> <li>• Motor with encoder</li> <li>• Anti-crushing safety device</li> <li>• Force adjustment</li> <li>• Automatic adjustment of speed and slowdown</li> </ul>

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

### CONTROL BOARD TECHNICAL INFO

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

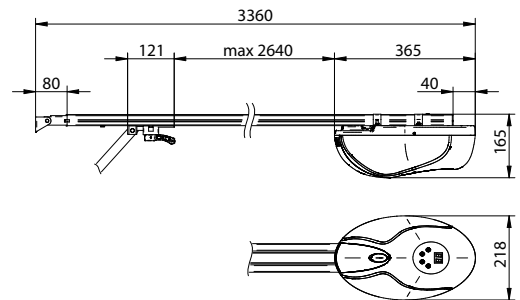
### OPERATOR TECHNICAL INFO

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=3.300 mm

**KIT**

**3** **COD. 661083 Art. AURA24**  
24V flashing light, LED, with integrated antenna, 433 MHz

**3** **COD. 661083 Art. AURA24**  
24V flashing light, LED, with integrated antenna, 433 MHz

**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 2020**

## 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



# INDUSTRIAL SECTIONAL DOORS



Choose the operator for your industrial sectional door:



## LATO

- Up to 35m<sup>2</sup>
- 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

Choose the maximum size in square meters of the sectional door



### Operator with DIRECT CONNECTION

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

### Operator with 2:1 RATIO

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

### Operator with DIRECT CONNECTION

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

### Operator with 2:1 RATIO

23m <sup>2</sup> ÷ 35m <sup>2</sup>	400V	208Nm	11,2	●●●		✓	LATO400EN
							LATO400CEN





# LATO

Automations for industrial sectional doors  
up to 35m<sup>2</sup>





Quick installation thanks to the integrated control board

Models available with or without integrated control board

With or without chain for manual emergency release

Available in 230V AC ou 400V AC



**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM

(Only versions with NET230N)





Compatible with the Apps  
DEAinstaller and DEAuser

KIT

(only NET230N)

## 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"> <li>• Limit switches</li> <li>• Anti-crashing safety device</li> <li>• Magnetic encoder with 6m long cable</li> <li>• Integrated receiver and courtesy light</li> <li>• Unlocking device by cable</li> </ul>
637051	LATO220NET/C*		NET230N	For shaft Ø 25,4mm	<ul style="list-style-type: none"> <li>• Limit switches</li> <li>• Anti-crashing safety device</li> <li>• Magnetic encoder with 6m long cable</li> <li>• Integrated receiver and courtesy light</li> <li>• Unlocking device by cable</li> <li>• Emergency manual manouvre by chain</li> </ul>

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"> <li>• Limit switches</li> <li>• Magnetic encoder with 6m long cable</li> <li>• Unlocking device by cable</li> </ul>
637011	LATO220CEN*		✓	For shaft Ø 25,4mm	<ul style="list-style-type: none"> <li>• Limit switches</li> <li>• Magnetic encoder with 6m long cable</li> <li>• Unlocking device by cable</li> <li>• Emergency manual manouvre by chain</li> </ul>

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 AC operators without control board, with limit switches and encoder



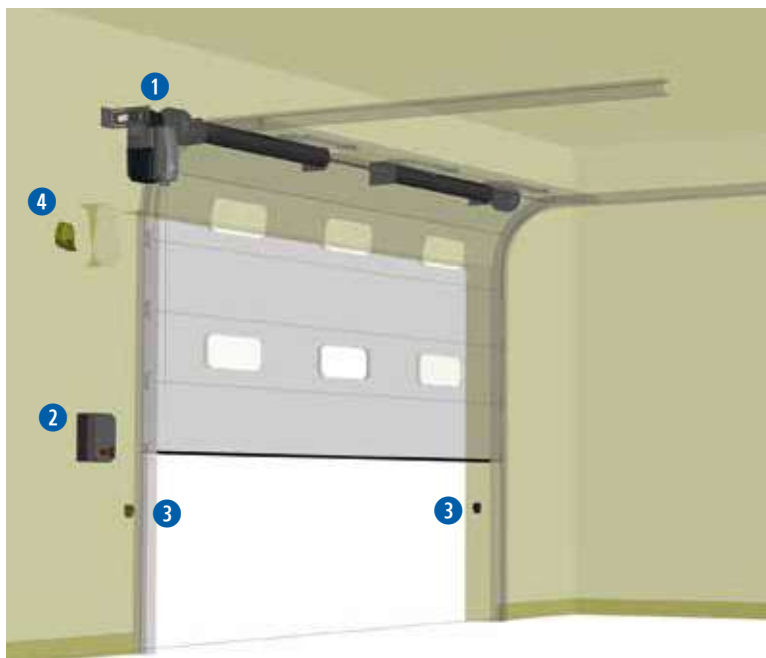
COD.	Art.				OTHER CHARACTERISTICS
637031	LATO400EN		✓	For shaft Ø 25,4mm	<ul style="list-style-type: none"> <li>• <b>ATTENTION: NOT COMPATIBLE WITH NETLINK</b></li> <li>• Unlocking device by cable</li> <li>• Magnetic encoder with 6m long cable</li> </ul>
637041	LATO400CEN*		✓	For shaft Ø 25,4mm	<ul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

\*Complete with unlocking device by chain (L useful=3,5m)  
 Control board to complete the installation: control board cod. 677140 art. 400RR/C (with box)  
 All models: 1 side fixing plate art. LE included

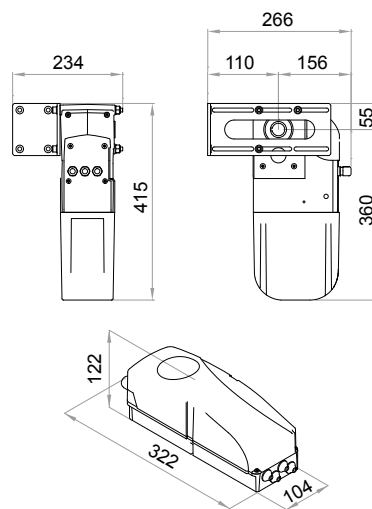


TECHNICAL INFO	220NET - 220/EN - 220/CEN - 220NET/C	400EN - 400CEN
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)	400V AC ± 10 % (50/60 Hz)
Maximum power absorption (W)	500	900
Max torque (Nm)	62	104
Duty cycle (cycles/hours)	14	35
N. max cycles in 24h.	180	240
Built-in capacitor (µF)	18	/
Operating 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. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

 **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



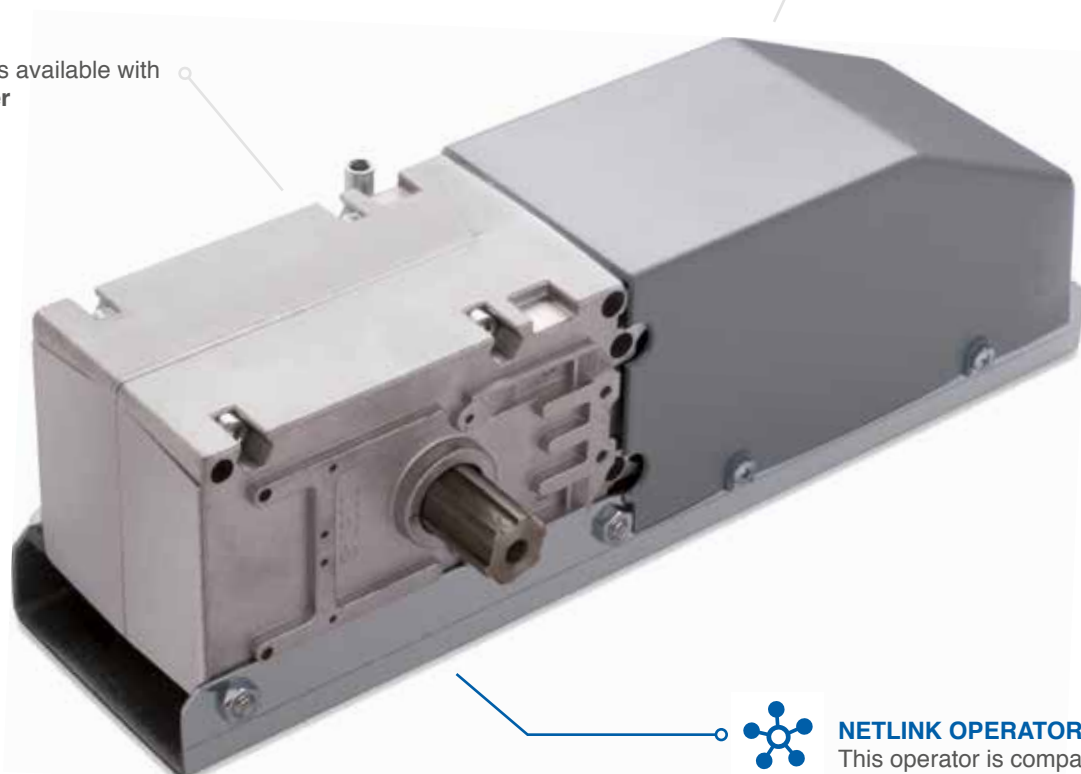






Versions available with  
encoder

Strong mechanics and  
metal gearing



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM

(Only versions with NET230N)

# LIVI 550PL

LIVI 550PL







Compatible with the Apps  
DEAinstaller and DEAuser





KIT



## 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

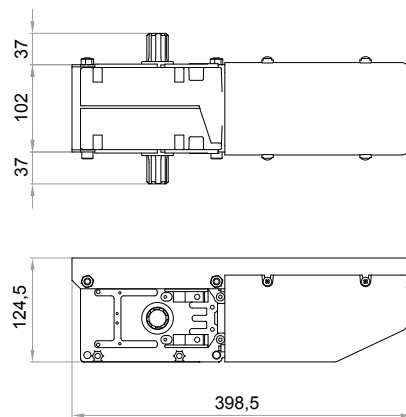
**Control board to complete the installation:** control board cod. 677610 art. NET230N/C (with box)

\* 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

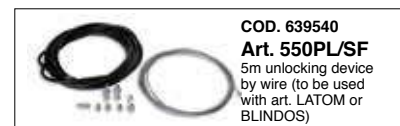
**5**



**COD. 661063**  
**Art. AURA230**  
230V flashing light, LED, with integrated antenna, 433 MHz

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







**WILL-G**

Universal operator for balanced roller shutters

WHY NOT





WHY NOT







With electrobrake

Thrust up to 1400N

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



## 230V ~ operators without control board

COD.	Art.				OTHER CHARACTERISTICS
634020*	WILL-G 140 SE	1400N		Ø 60mm	<ul style="list-style-type: none"> <li>• With electrobrake and micrometer limit switches</li> <li>• Complete with internal adapters for shaft Ø=48mm and external adapters for spring boxes Ø=220mm</li> </ul>

**For models:** Control board not included. Electrobrake included

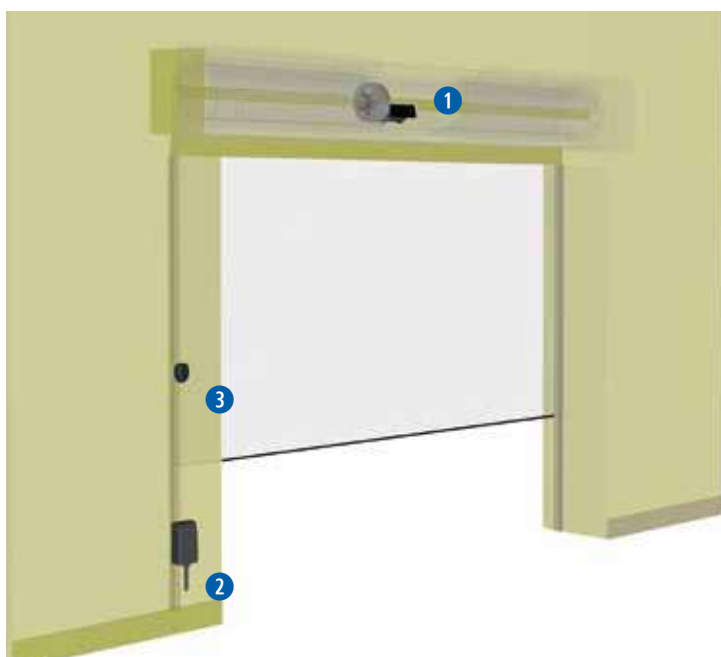
**Control board to complete the installation:** control board cod. 677540 art. 211ER/C (with box)

\* 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.

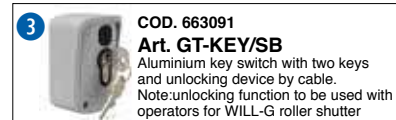
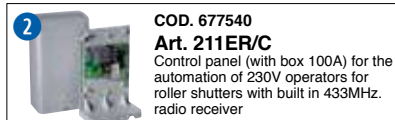
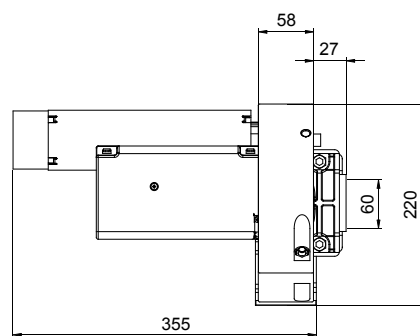
TECHNICAL INFO	WILL-G/140SE
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)
Maximum power absorption (W)	480
Max torque (Nm)	140
Built-in capacitor (µF)	12,5
Operating temperature (°C)	-5 ÷ 40

TECHNICAL INFO	WILL-G/140SE
Motor thermal protection (°C)	160°
Max. operating time	4'
Speed (rpm)	10
Maximum clear opening (number of pulley turns)	8
Weight with packing (Kg)	8
Sound pressure (dBA)	< 70
Protection level	IP42

## EXAMPLE OF A TYPICAL INSTALLATION



## DIMENSIONS







# ELECTROMECHANICAL BARRIER AND BOLLARD



Choose the barrier or the bollard suitable for your entrance:



## PASS

- Up to 5m of boom length
- 24V
- Residential and semi-intensive use
- Available fast version



## STOP

- Up to 8m of boom length
- 230V / 24V
- Semi-intensive and intensive use
- Available fast version



## TRAFIK

- Up to 6m of boom length
- 230V
- For continuous use



## ROCK

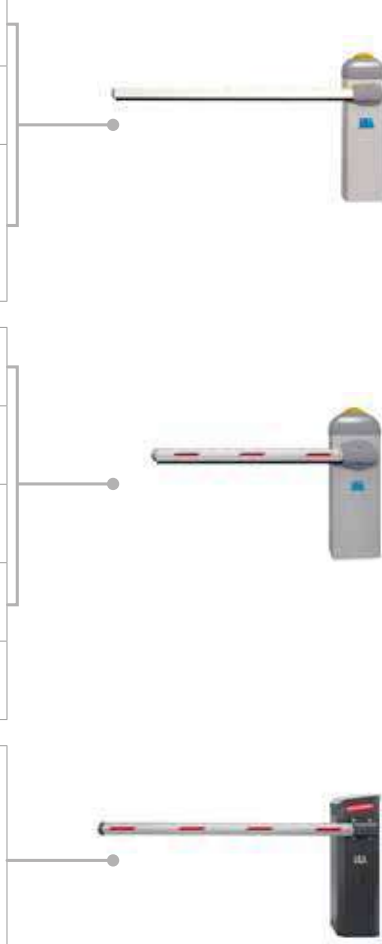
- Height 700 mm
- Diameter 274 mm
- Cataphoresis treatment
- 230V
- Intensive use

## SELECTION GUIDE

Choose the maximum boom length



					Art.
3m	24V	2,2"	●●	✓	PASS24NET/V
4m	24V	2,8"	●●	✓	PASS24NET/VR
	24V	6"	●●	✓	PASS24NET/L
5m					
4m	24V	2,7"	●●●	✓	STOP24NET/V-F
4m ÷ 6m	230V	6,5"	●●	✓	STOPNET/L-F
	24V	5,3"	●●●	✓	STOP24NET/L-F
6m ÷ 8m	230V	8"	●●	✓	STOPNET/L-F
	24V TRIPHASE	7,5"	●●●	✓	STOP24NET/L-F
2m ÷ 4m	230V	1,5 ÷ 4"	●●●●	✓	TRAFIK
4m ÷ 6m		4 ÷ 7"			





# PASS

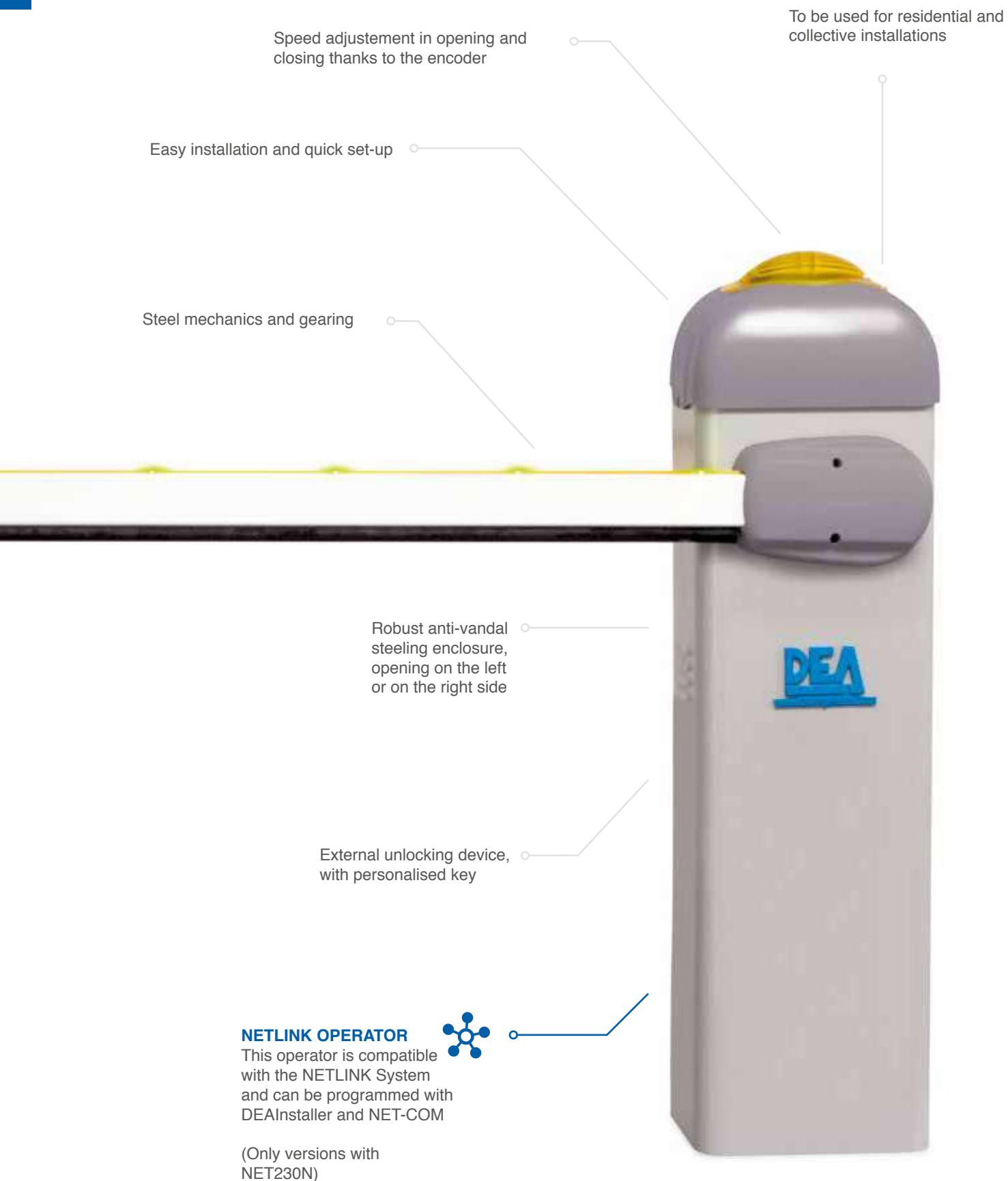
Electromechanical barrier  
up to 5m of boom length



157







Speed adjustment in opening and closing thanks to the encoder

To be used for residential and collective installations

Easy installation and quick set-up

Steel mechanics and gearing

Robust anti-vandal steeling enclosure, opening on the left or on the right side

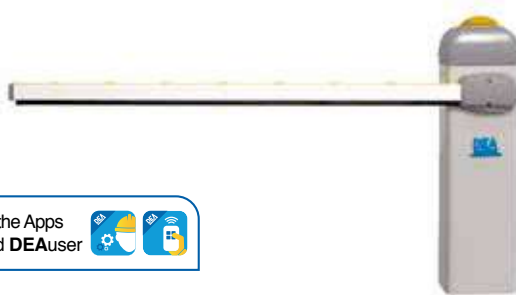
External unlocking device, with personalised key

**NETLINK OPERATOR**



This operator is compatible with the NETLINK System and can be programmed with DEAIInstaller and NET-COM

(Only versions with NET230N)



Compatible with the Apps **DEA**installer and **DEA**user

## 24V = barriers with control board for semi-intensive use



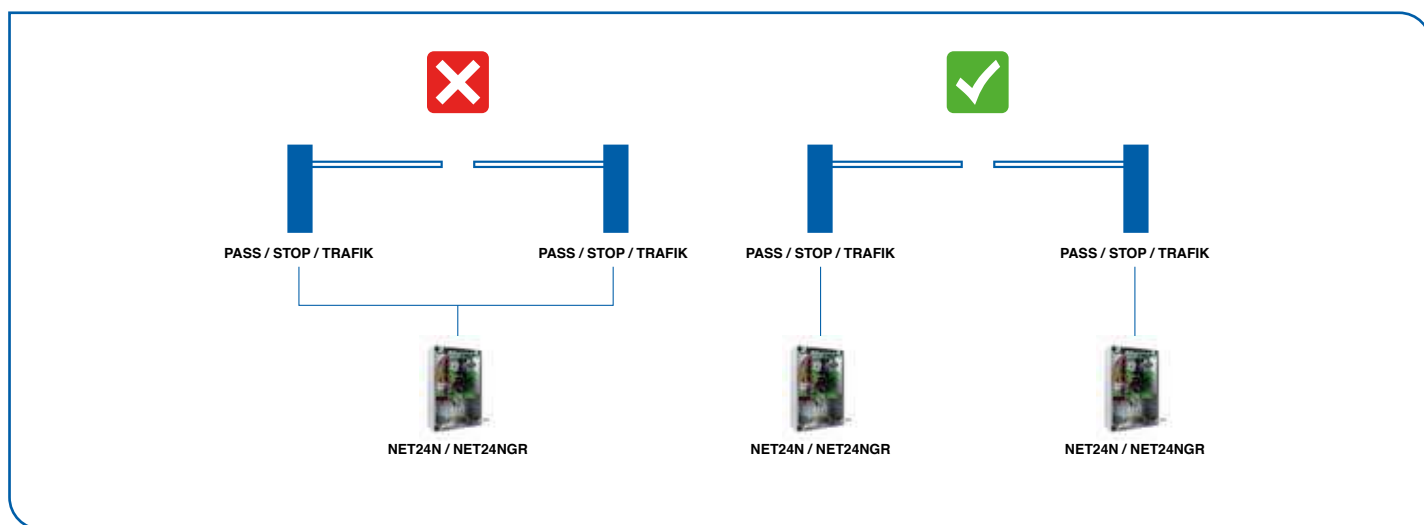
COD.	Art.					OTHER CHARACTERISTICS
644020	PASS24NET/V	3 m fast		NET24N	✓	<ul style="list-style-type: none"> <li>• Speed adjustment during normal cycle and slow down in opening and closing</li> <li>• Motor control by encoder and obstacle detection</li> <li>• Possibility to lock the programming to prevent tampering</li> </ul>
644022	PASS24NET/VR	4 m fast		NET24N	✓	
644021	PASS24NET/L	4 e 5 m slow		NET24N	✓	

**All models:** flashing lights, boom, boom holder and foundation plate not included - Stainless steel version: available on request

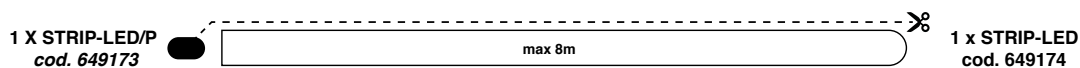
**All models:** Proper functioning is guaranteed with perfect balance of the spring and adjustment of slow down

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

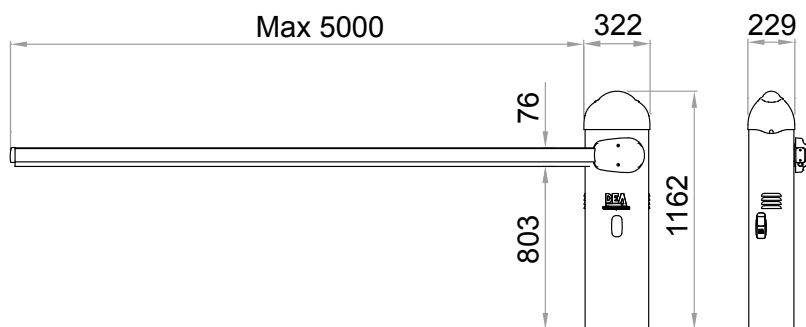
TECHNICAL INFO	PASS24NET/V	PASS24NET/L	PASS24NET/VR
Motor power supply (V)	24V =		
Maximum power absorption (W)	105		
Duty cycle (cycles/hours)	290	140	240
N. max cycles in 24h.	800		
Operating temperature (°C)	-20 ÷ 50		
90° Opening time (s)	2,2	6	2,8
Weight with packing (Kg)	41		
Sound pressure (dBA)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



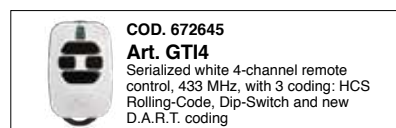
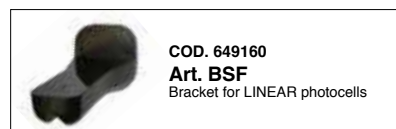
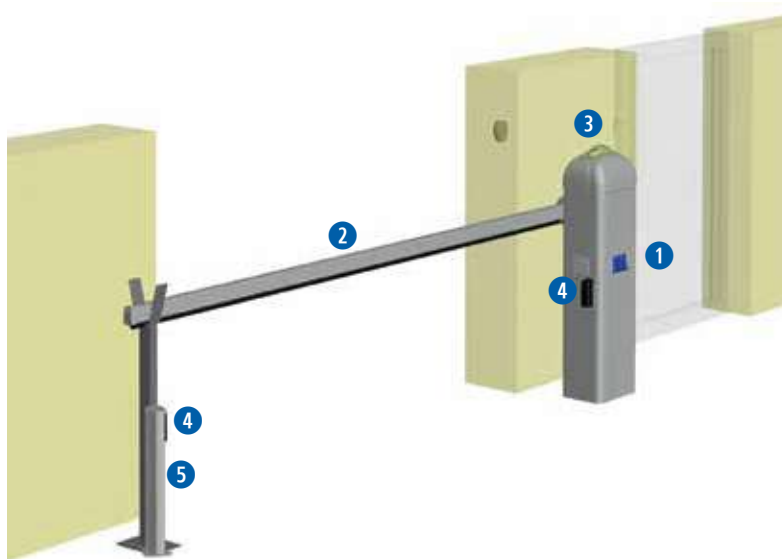
### PASS 3, PASS 4, PASS 5, STOP4/N, STOP 6/N, BOOM/4, BOOM/6, BOOM-LINK






## DIMENSIONS



## EXAMPLE OF A TYPICAL INSTALLATION





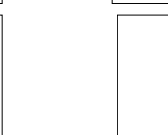
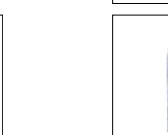












## SPECIFIC ACCESSORIES

 <p><b>COD. 649140</b> <b>Art. PASS3</b> DEA rectangular painted boom 3000x65x38mm, with reflective stickers art.1012</p>	 <p><b>COD. 649141</b> <b>Art. PASS4</b> DEA rectangular painted boom 4000x65x38mm, with reflective stickers art.1012</p>	 <p><b>COD. 381744</b> <b>Art. OMPASS</b> Boom holder for DEA booms art.PASS3 and art.PASS4</p>
---	--	--

 <p><b>COD. 649240</b> <b>Art. PASS5</b> DEA painted lightweight boom 5000x80x40mm, without reflective stickers. To be used only with art. PASS24NET/L (not compatible with other accessories)</p>	 <p><b>COD. 649250</b> <b>Art. OMPASS5</b> Boom holder and fixing counter-plate for DEA boom art. PASS5</p>	 <p><b>COD. 381741</b> <b>Art. OMPASS60</b> Boom holder for commercial boom 60x30mm</p>
--	--	--

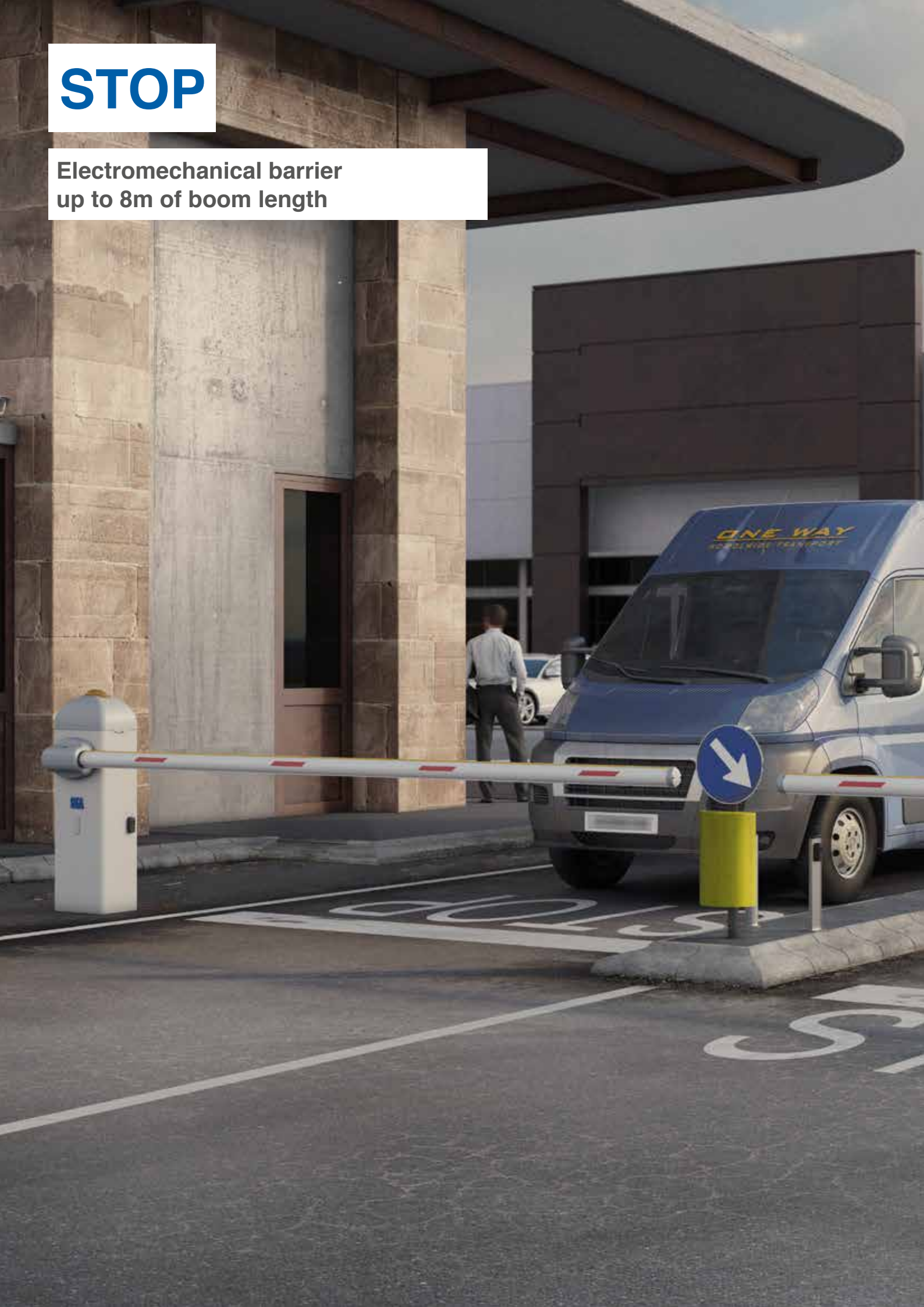
Not compatible with other accessories or with the front plastic cover of the boom holder

 <p><b>COD. 649012</b> <b>Art. ART-PASS</b> Joint for folding boom (art. PASS3 and art. PASS4)</p>	 <p><b>COD. 649000</b> <b>Art. 1006</b> Mobile boom support</p>	 <p><b>COD. 649020</b> <b>Art. 1010</b> Height adjustable fixed boom support</p>
 <p><b>COD. 649021</b> <b>Art. 1010/M</b> Height adjustable fixed boom support with magnet</p>	 <p><b>COD. 667061</b> <b>Art. LOOP 230/1</b> Loop detector, 1 channel</p>	 <p><b>COD. 667071</b> <b>Art. LOOP 230/2</b> Loop detector, 2 channels</p>
 <p><b>COD. 649181</b> <b>Art. CLED24</b> Flashing light circuit 24V for STOP and PASS barriers (to be installed under the barrier cover)</p>	 <p><b>COD. 649174</b> <b>Art. STRIP-LED</b> Led strip for booms (L=8m) without power adapter</p>	 <p><b>COD. 649173</b> <b>Art. STRIP-LED/P</b> Power adapter and fixing plates for art. STRIP-LED (840mA - IP67)</p>
 <p><b>COD. 681034</b> <b>Art. SMFLED230/2</b> 230V led traffic light: red-green lights</p>	 <p><b>COD. 681035</b> <b>Art. SMFLED24/2</b> 24V led traffic light: red-green lights</p>	 <p><b>COD. 321810</b> <b>Art. GSOFTP</b> Black rubber profile, EPDM S65 (24m)</p>
 <p><b>COD. 649160</b> <b>Art. BSF</b> Bracket for Linear photocells</p>	 <p><b>COD. 649200</b> <b>Art. BAT/PASS</b> Batteries set for PASS barriers consisting of 2 x 4Ah batteries, fixing plates and connecting cables</p>	 <p><b>COD. 649073</b> <b>Art. PASS/B</b> Foundation plate</p>
 <p><b>COD. 101026</b> <b>Art. 1012</b> Reflective red stickers (1 pcs)</p>		



# STOP

Electromechanical barrier  
up to 8m of boom length



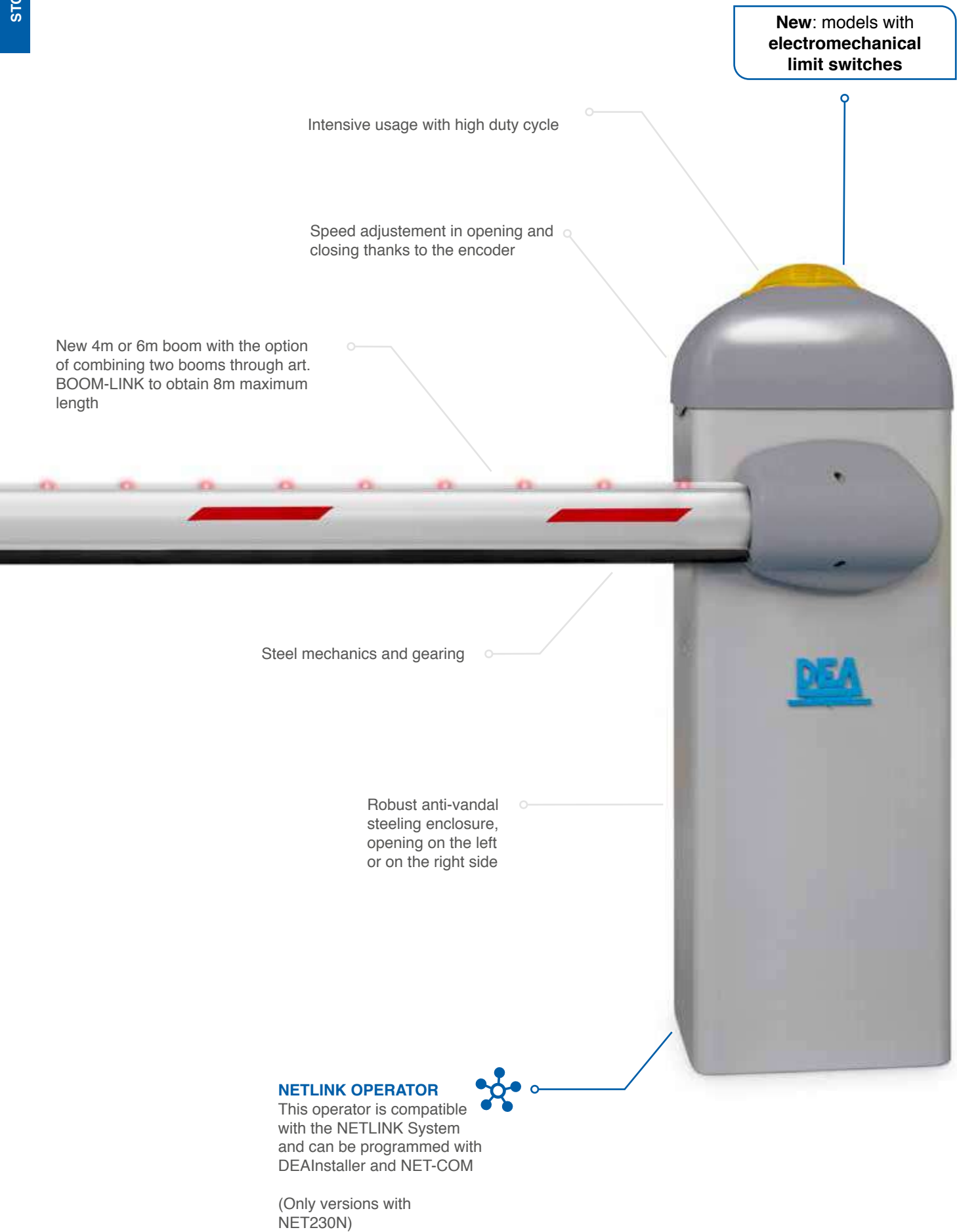


ONE WAY

ONE WAY  
FREIGHTWAY TRANSPORT

BEA

STOP



**New: models with electromechanical limit switches**

Intensive usage with high duty cycle

Speed adjustment in opening and closing thanks to the encoder

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

Steel mechanics and gearing

Robust anti-vandal steeling enclosure, opening on the left or on the right side

**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAInstaller and NET-COM

(Only versions with NET230N)



# STOP

STOP



Compatible with the Apps  
DEAinstaller and DEAUser



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

NETLINK

COD.	Art.					OTHER CHARACTERISTICS
645035	STOPNET/L-F-F	6 m slow	●●	NET230N	✓	<ul style="list-style-type: none"> <li>Electromechanical limit switches integrated</li> <li>Supplied with 4 springs</li> <li>Motor control by encoder and obstacle detection</li> </ul>

**All models:** flashing lights, boom, boom holder and foundation plate not included. Stainless steel version: available upon request  
**All models:** proper functioning is guaranteed with perfect balance of the spring and adjustment of slow down

## 24V = barriers with control board for intensive use

NETLINK

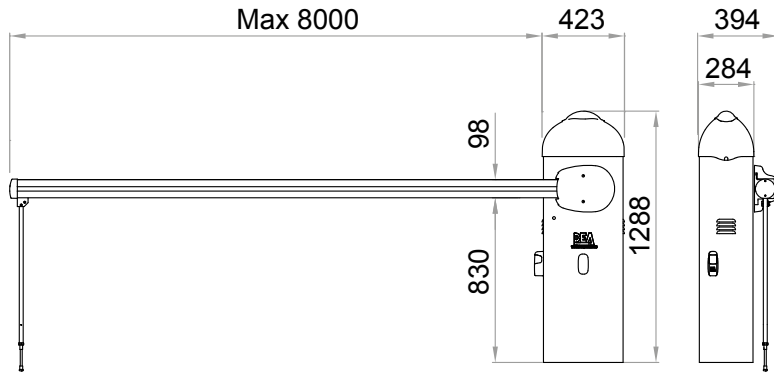
COD.	Art.					OTHER CHARACTERISTICS
645026	STOP24NET/V-F	4 m fast	●●●●	NET24N	✓	<ul style="list-style-type: none"> <li>Electromechanical limit switches integrated</li> <li>Supplied with 2 springs</li> <li>Motor control by encoder and obstacle detection</li> </ul>
645025	STOP24NET/L-F	6 m slow	●●●●	NET24N	✓	<ul style="list-style-type: none"> <li>Electromechanical limit switches integrated</li> <li>Supplied with 4 springs</li> <li>Motor control by encoder and obstacle detection</li> </ul>

**All models:** flashing lights, boom, boom holder and foundation plate not included. Stainless steel version: available upon request  
**Warning:** proper functioning of this model is guaranteed with perfect balance of the spring and adjustment of slow down  
**ATTENTION:** use a NET24N control unit for each barrier.

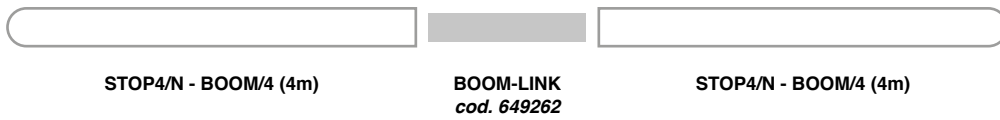
TECHNICAL INFO	STOPNET/L-F		STOP24NET/V-F	STOP24NET/L-F	
	4 ÷ 6m	6 ÷ 8m	4m	4 ÷ 6m	6 ÷ 8m
Boom length	4 ÷ 6m	6 ÷ 8m	4m	4 ÷ 6m	6 ÷ 8m
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)			24V =	
Maximum power absorption (W)	500			120	
Duty cycle (cycles/hours)	150	125	500	250	170
N. max cycles in 24h.	800	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 level				IPX4	



## DIMENSIONS

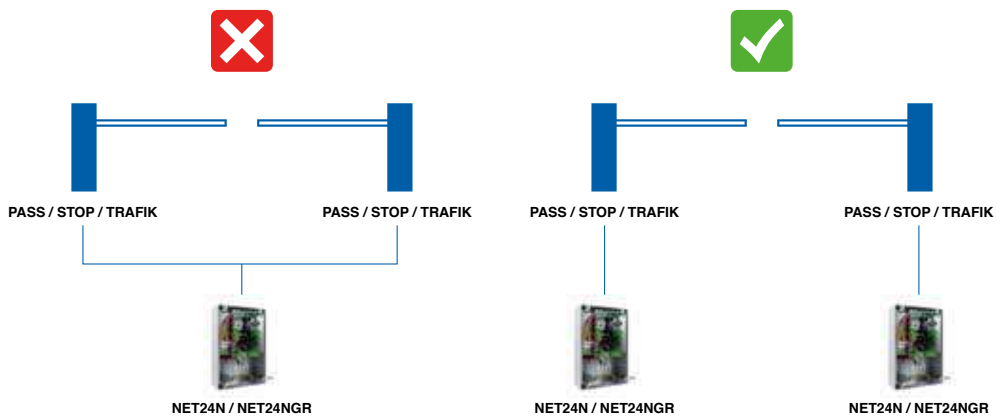


L MAX = 8m



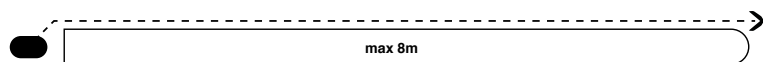
### SUPPLEMENTARY KIT MOLLA FOR BARRIERS WITH BOOMS from 4 up to 8m length

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 179-180 illustrates the number of kits required for different situations.



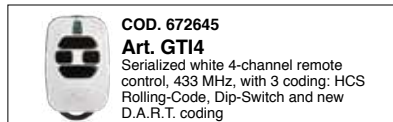
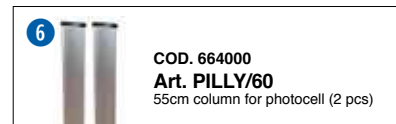
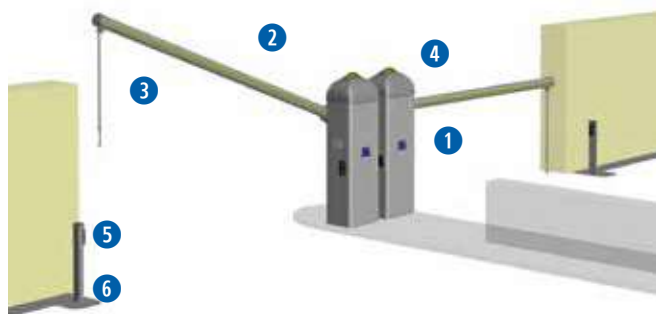
### PASS 3, PASS 4, PASS 5, STOP4/N, STOP 6/N, BOOM/4, BOOM/6, BOOM-LINK

1 X STRIP-LED/P  
cod. 649173

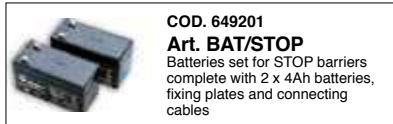
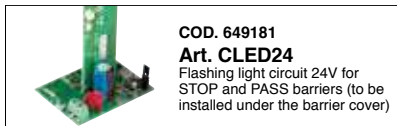
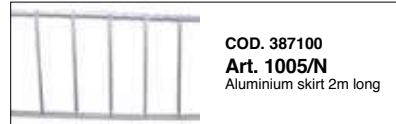


1 x STRIP-LED  
cod. 649174

## EXAMPLE OF A TYPICAL INSTALLATION



## SPECIFIC ACCESSORIES



# TRAFIK

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

Up to 6m of boom length









**New 2020**

Suitable for locations with heavy traffic, such as car parks, commercial areas, industrial sites

Full access to internal mechanical and electronic components thanks to the presence of two doors and a removable cover

Super smooth movement thanks to the combination of the **inverter control** and the mechanical movement of the transmission

Opening widths from 2 to 6 m  
Suitable for being installed on either side of the opening

Opening speed increased up to 1.5"

Irreversible three-phase asynchronous motor, in oil bath



Inverter-controlled, so as to ensure longer lifetime and high use intensity.

Mechanical lock during opening and closing thanks to the transmission with the crank-connecting rod system



Case with cataphoresis treatment and polyester powder coating

Coloured door KITS and top cover available

**NETLINK OPERATOR**  
This operator is compatible with the NETLINK System and can be programmed with DEAINSTALLER and NET-COM





Compatible with the Apps  
DEAinstall and DEAsuser



Availability  
Q2 2020



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

COD.	Art.					OTHER CHARACTERISTICS
646000	TRAFIK	6 m		NET24NGR	✓	<ul style="list-style-type: none"> <li>Input power supply 230V</li> <li>Three-phase asynchronous 230V motor</li> <li>Control unit DE@NET NET24NGR</li> <li>Inverter-controlled</li> <li>Obstacle detection performed by the encoder</li> <li>Electro-mechanical limit switches included</li> </ul>

Main case complete with two doors and top cover with cathaphoresis 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 180.

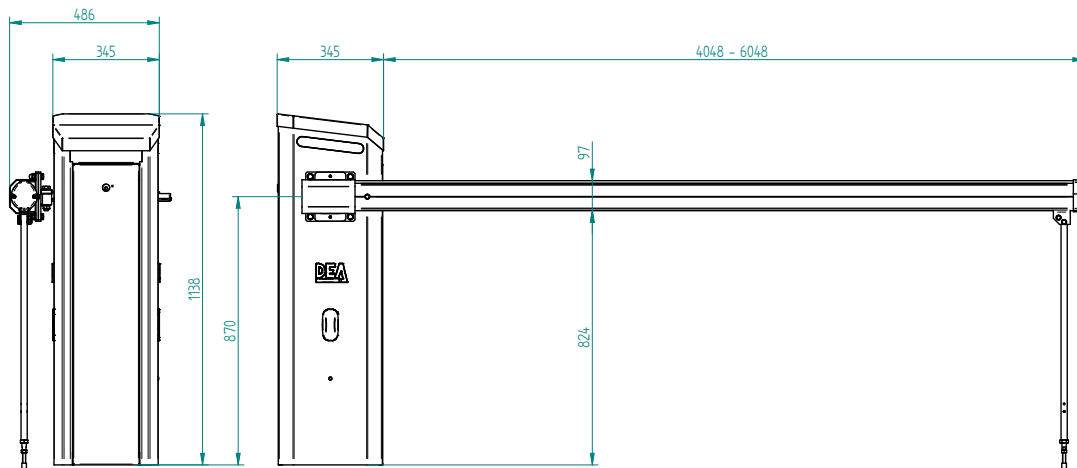
## COLOR KIT: two doors and top cover (barrier not included).



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



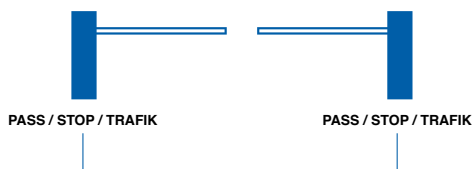
L MAX = 6m



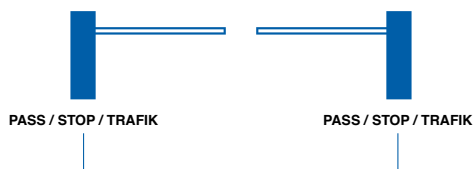
BOOM/4 (4m)

BOOM-LINK  
cod. 649262

BOOM/4 (4m)



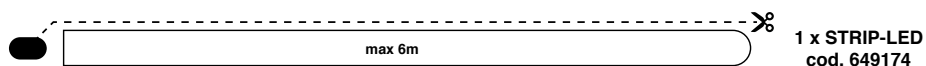
NET24N / NET24NGR



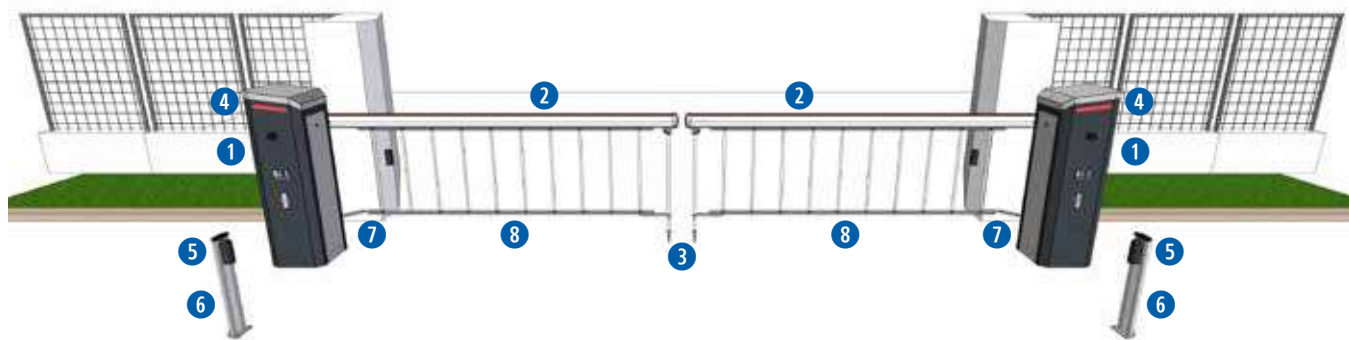
NET24N / NET24NGR

NET24N / NET24NGR

## BOOM/4, BOOM/6, BOOM-LINK



## EXAMPLE OF A TYPICAL INSTALLATION




**1**  **COD. 646000**  
**Art. TRAFIK**  
Electromechanical barrier

**2**  **COD. 649264**  
**Art. BOOM/6**  
DEA round painted boom  
6125xØ80mm, with  
reflective red stickers art.  
1012

 **COD. 649270**  
**Art. OMSTOP/N**  
Boom holder for DEA booms  
art. STOP4/N and art.  
STOP6/N


**4**  **COD. 649290**  
**Art. TRAFIK/LED**  
LED strip for top of the  
TRAFIK barrier case

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


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


**7**  **COD. 649320**  
**Art. TRAFIK**  
**BRAKET**  
Guide support for skirt 1005/N  
for TRAFIK

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

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

 **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: HCS  
Rolling-Code, Dip-Switch and new  
D.A.R.T. coding


 **COD. 649300**  
**Art. TRAFIK/B**  
Foundation plate to be fixed


## 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. OMSTOP/N**  
Boom holder for DEA booms  
art. STOP4/N and art.  
STOP6/N

 **COD. 649262**  
**Art. BOOM-LINK**  
Joint for boom (art.STOP4/N  
and art. STOP6/N)

 **COD. 649300**  
**Art. TRAFIK/B**  
Foundation plate to be fixed

 **COD. 649320**  
**Art. TRAFIK/F-AUX**  
Additional limit switch for  
TRAFIK

 **COD. 649320**  
**Art. TRAFIK**  
**BRAKET**  
Guide support for skirt 1005/N  
for TRAFIK

 **COD. 649290**  
**Art. TRAFIK/LED**  
LED strip for top of the  
TRAFIK barrier case


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


 **COD. 649020**  
**Art. 1010**  
Height adjustable fixed boom  
support

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

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

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

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

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

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

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

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

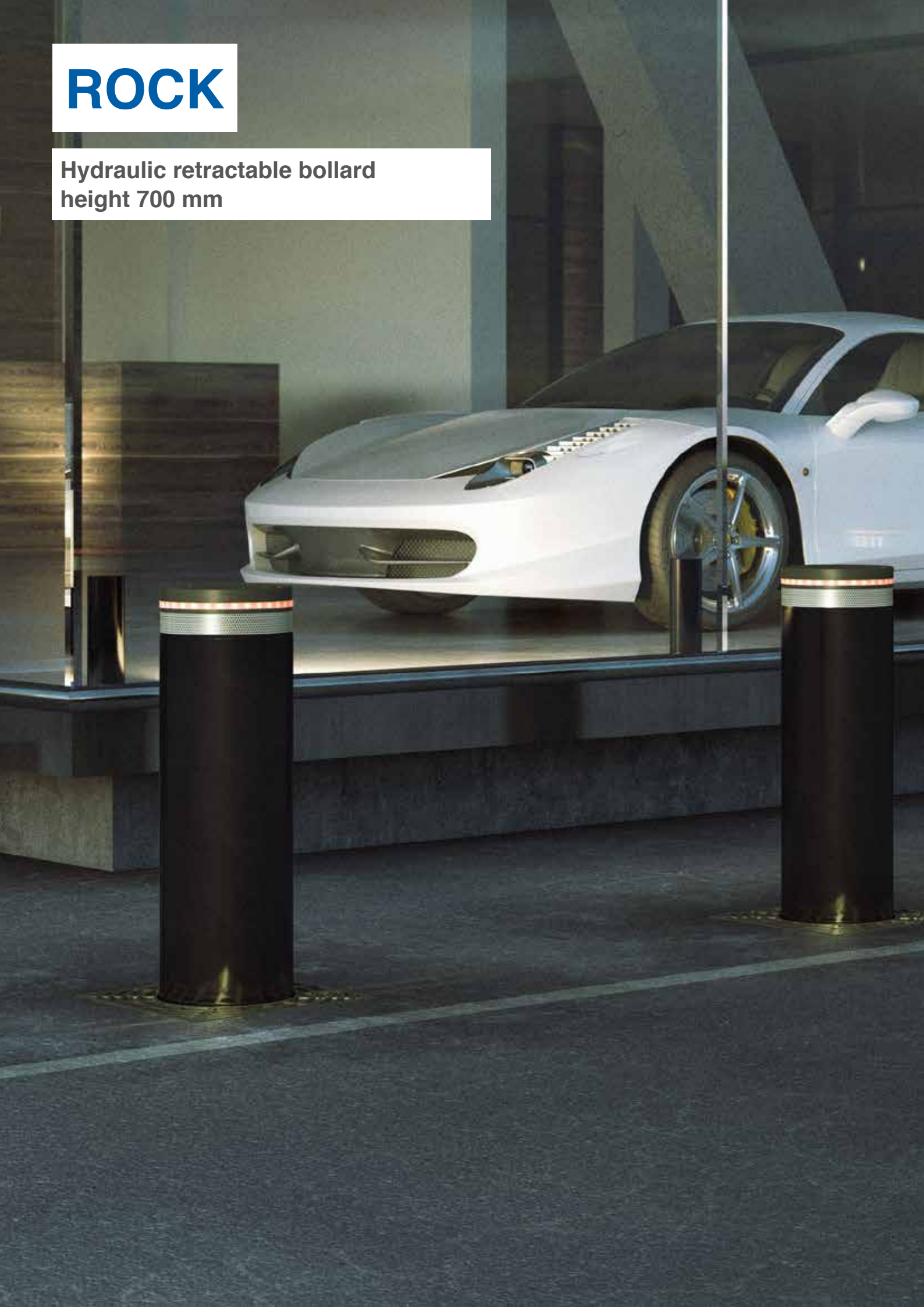
 **COD. 681034**  
**Art. SMFLED230/2**  
230V led traffic light: red-green lights

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



# ROCK

Hydraulic retractable bollard  
height 700 mm







Retro reflective film with high-luminous efficacy



Hydraulic pump integrated in the top section, to assist with maintenance activities

Removable structure with double anti-corrosion treatment: cathaphoresis and thermal painting black polyester



**NETLINK OPERATOR**

This operator is compatible with the NETLINK System and can be programmed with DEAINstaller and NET-COM

(Only versions with NET230N)



Linear guide system with chrome-plated steel cylinders

Removable structure with shock resistance up to 138KJ



## 230V ~ bollard without control board



COD.	Art.					OTHER CHARACTERISTICS
651000	ROCK		274mm	700mm	6mm	<ul style="list-style-type: none"> <li>Removable structure, cataphoresis treatment</li> <li>Emergency manual release</li> <li>LED diffusers with integrated buzzers</li> <li>2 magnetic limit switches</li> <li>Walking surfaces in aluminium, cataphoresis, micaceous grey</li> <li>Retro-reflecting film with high-luminous efficacy</li> <li>15m cable (only for art. ROCK/CABLE)</li> <li>Framework with cataphoresis treatment to be cemented (art. ROCK/B) optional</li> <li>Color: NERO SIDERALE PERL</li> </ul>
651001	ROCK/ CABLE		274mm	700mm	6mm	

All models: framework art.ROCK/B not included

## Fixed bollard

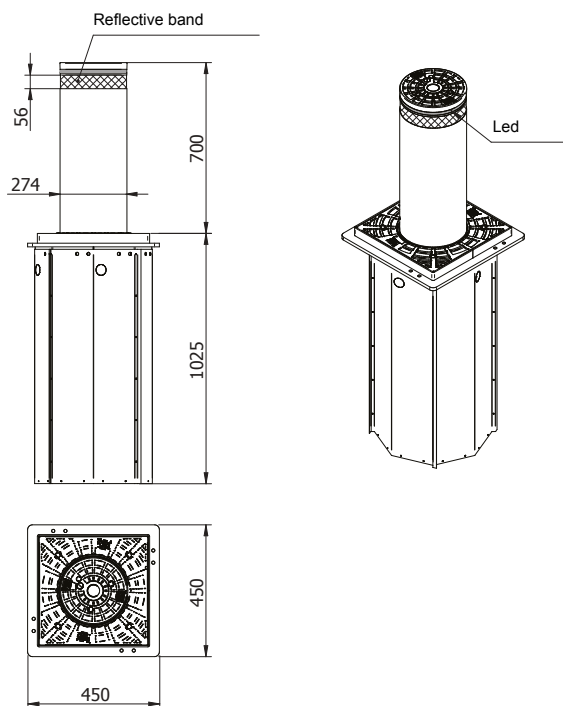
COD.	Art.					OTHER CHARACTERISTICS
651020	ROCK/F		274 mm	700 mm	4 mm	<ul style="list-style-type: none"> <li>Fixed bollard with cataphoresis treatment</li> <li>Retro-reflecting film with high-luminous efficacy</li> </ul>

All models: Foundation base art.ROCK/FB not included

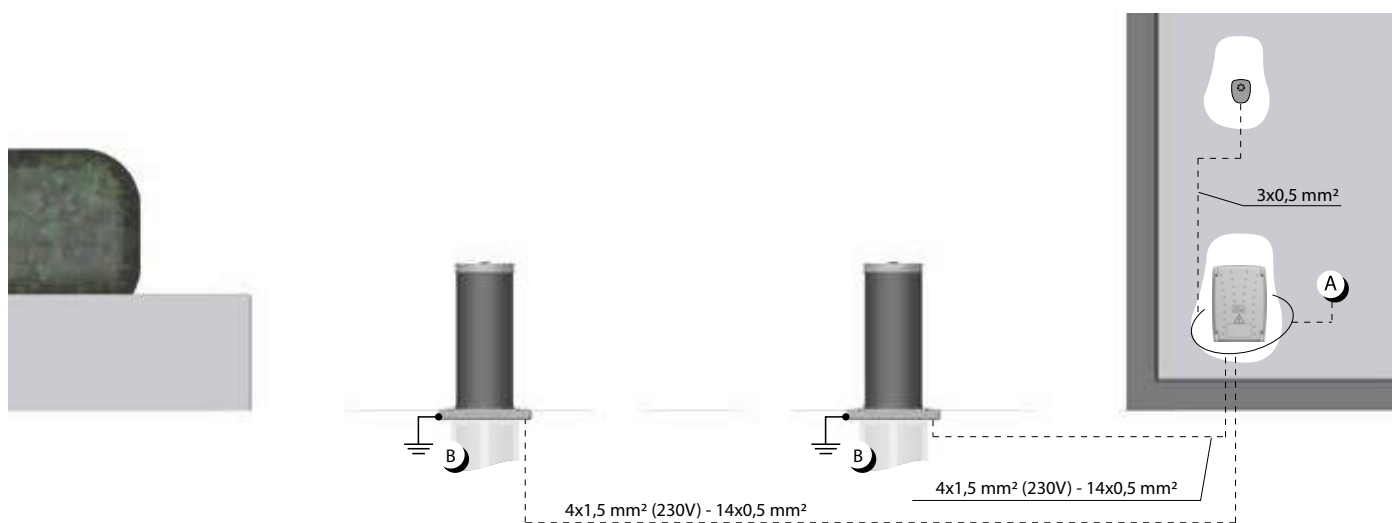
TECHNICAL INFO	ROCK	ROCK/CABLE
Movement	Hydraulic	
Height	700 mm	
Diameter	Ø274mm (±2mm)	
Material	Steel Fe 360	
Treatment	Cataphoresis and polyester powder paint, black	
Ascent time	6 sec	
Descent time	5 sec	
Quick descent time (with solenoid valve and power failure)	1,5 sec	
Usage	Intensive	
N. max cycles in 24h.	2000 (T= 20 ÷ 22°C) - 300 (+ art. ROCK/EL)	
Reflective band	55mm	
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	
Protection level	IP67	
Capacitor	12,5 µF	
Motor thermal protection	130°C	



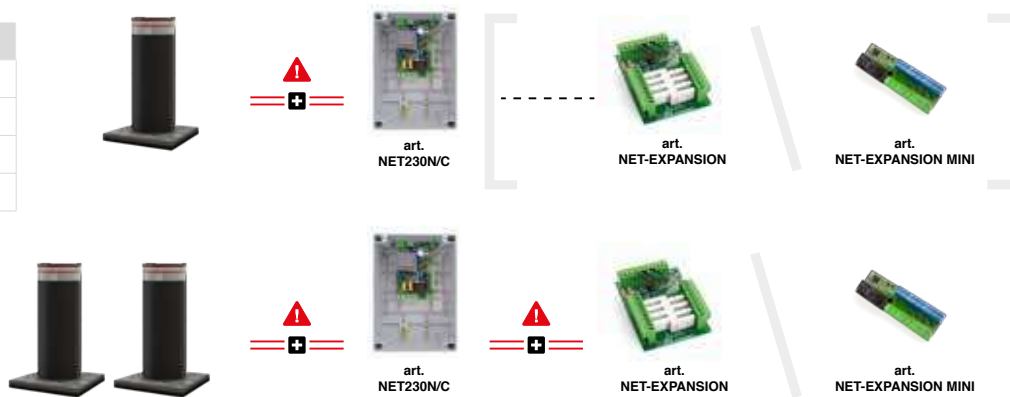
## DIMENSIONS



## 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 cover for bollard art. ROCK




**COD. 659064**  
**Art. ROCK/EL V2**  
Solenoid with power supply cable



**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



## **NETLINK devices and accessories**

<b>NETLINK SYSTEM</b>	<b>166</b>
<b>REMOTE CONTROLS</b>	<b>168</b>
<b>CONTROL BOARDS RANGE DE@NET</b>	<b>171</b>
<b>CONTROL BOARDS RANGE NORMA</b>	<b>172</b>
<b>CONTROL BOARDS RANGE START</b>	<b>172</b>
<b>SOLAR POWER SYSTEM</b>	<b>173</b>
<b>RECHARGEABLE BATTERY SETS</b>	<b>173</b>
<b>BOXES FOR CONTROL BOARDS</b>	<b>173</b>
<b>RECEIVERS</b>	<b>174</b>
<b>KEYPAD</b>	<b>174</b>
<b>PUSH-BUTTON KEYPAD</b>	<b>174</b>
<b>ACCESS CONTROL</b>	<b>174</b>
<b>KEYSWITCHES</b>	<b>175</b>
<b>PHOTOCELLS AND COLUMNS</b>	<b>175</b>
<b>LOOP DETECTORS</b>	<b>176</b>
<b>FLASHING LIGHTS</b>	<b>176</b>
<b>LOCKS AND ACCESSORIES</b>	<b>176</b>
<b>SAFETY DEVICES AND ACCESSORIES</b>	<b>177</b>
<b>RADIO TRANSMISSION DEVICE</b>	<b>178</b>
<b>HOME AUTOMATION</b>	<b>178</b>



# NET-COM

Availability  
Q2 2020



NET-COM/S

679115 NET-COM/S\*

NET-COM is an interface device with NETLINK technology for **advanced access control** which also allows the installations to be **controlled remotely** from a pc.

**Supplied with SIM card valid for 5 years.**

\* **ATTENTION:** GSM remote connectivity is only available in European countries that support 2G technology.



NET-COM

679117 NET-COM

NET-COM is an interface device with NETLINK technology for **advanced access control** which also allows the installations to be **controlled remotely** from a pc.

**Supplied without SIM card.**

\* **ATTENTION:** GSM remote connectivity is only available in European countries that support 2G technology.



NET-COM  
POWER SUPPLY

163523 NET-COM  
POWER SUPPLY

Power supply device for NET-COM (15W / 24V DC)



ANTENNA GSM-LTE

179009 ANTENNA  
GSM-LTE

GSM-LTE outdoor antenna to increase the range signal. Cable= 2 m



S-EXTENDER

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).

## NETLINK DEVICES

### NET-BOX



NET-BOX



GT CABLE

COD.	Art.	DESCRIPTION
679112	NET-BOX	NET-BOX is a programmer to customize DEA radio controls and control boards settings with NETLINK technology.
470351	GT-CABLE	Cable to be used with NETBOX for programming compatible remotes

### NET-NODE



NET-NODE



PREMIUM CARD

COD.	Art.	DESCRIPTION
677640	NET-NODE	Device to be connected to DE@NET boards and external receivers. NET-NODE permits to use the apps DEInstaller and DEUser on your smartphone. Compatible only with DE@NET boards with serial port and NETLINK technology.
397227	NET-CABLE	Cable to connect NET-NODE 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.



### DEInstaller

**DEInstaller App is dedicated to the professional installer. It allows you to program and manage the DEA installations from your smartphone, in an easy and intuitive way.**

It allows you to adjust quickly and precisely the parameters of your control board, thanks to its user friendly interface with full descriptions.

Moreover, you will be able to access new functionalities by updating the firmware of your control boards. You can also backup your installations.

Restoring parameters and remotes will be easier.

### DEAuser

**DEAuser** is the new App dedicated to the end user which allows you to **control DEA automations** from your smartphone (in the near of your gate).

Have you forgotten the transmitter or the key of your keyswitch?  
Your smartphone becomes the key to access every gate.

If used with DEA receiver it allows you to control every automation.



New remotes, packed in serialized sequence

DEA exclusive coding

**D.A.R.T.**

DEA Advanced Rolling Transmission



**SAFE**

Signals are transmitted by crypted no-cloning protocol, to increase the security level

**PRACTICAL**

The remotes are marked with a **serial number** and are **packed in sequence**, to fast-track the set up process (1 pack contains 100 remotes)

**MULTI-FUNCTION**

Remotes with multiple coding:

- **DIP SWITCH**
- **Standard Rolling Code**
- **D.A.R.T.**

## REMOTE CONTROLS



COD.	Art.	Power supply	Frequency	Range	Type of encoding	Ch.
672635	GT12	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672645	GT14	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	GT12/868	CR2032 lithium battery	868 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672647	GT14/868	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	GT12N	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672646	GT14N	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	4

\*with antenna tuned outdoors

\*\*customizable

## CLONABLE REMOTES

Operating in Rolling code or fixed code to create a copy of a remote control  
(Dip-Switch, HCS rolling-code or D.A.R.T.)



COD.	Art.	Power supply	Frequency	Range	Type of encoding	Ch.
672603	GT12M	CR2032 lithium battery	433,92 MHz	250-300m*	HCS rolling-code** Dip-Switch D.A.R.T.**	2
672613	GT14M	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
	<b>KIT GTI4 BUTTONS</b>  <b>PINK</b>	Buttons kit, pink, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679246</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>PINK</b>	Buttons kit, pink, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679236</b>	
	<b>KIT GTI4 BUTTONS</b>  <b>BLUE</b>	Buttons kit, blue, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679245</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>BLUE</b>	Buttons kit, blue, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679235</b>	
	<b>KIT GTI4 BUTTONS</b>  <b>GREEN</b>	Buttons kit, dark green, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679243</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>GREEN</b>	Buttons kit, dark green, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679233</b>	
	<b>KIT GTI4 BUTTONS</b>  <b>LIGHT GREEN</b>	Buttons kit, light green, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679240</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>LIGHT GREEN</b>	Buttons kit, light green, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679230</b>	
	<b>KIT GTI4 BUTTONS</b>  <b>YELLOW</b>	Buttons kit, yellow, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679244</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>YELLOW</b>	Buttons kit, yellow, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679234</b>	
	<b>KIT GTI4 BUTTONS</b>  <b>ORANGE</b>	Buttons kit, orange, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679241</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>ORANGE</b>	Buttons kit, orange, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679231</b>	
	<b>KIT GTI4 BUTTONS</b>  <b>PURPLE</b>	Buttons kit, purple, for 4 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679242</b>	
	<b>KIT GTI2 BUTTONS</b>  <b>PURPLE</b>	Buttons kit, purple, for 2 channels GTI remotes  Note: kit includes buttons only, <b>the remote must be purchased separately</b>
	<b>679232</b>	

## 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



NET724N



COD.	Art.	DESCRIPTION
678271	NET724N	Control board for ADVANCE and SPACE operators (without box, only circuit)
678281	NET724N/XL	Control board ADVANCE/XL, SPACE/L, SPACE/XL and SPACE/XXL (without box, only circuit)



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.

## SOLAR POWER SYSTEM



**GREEN ENERGY**



**SOLAR PANEL/XL**

COD.	Art.	DESCRIPTION
681053	<b>GREEN ENERGY/N</b>	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	<b>CHARGER</b>	Battery charger for GREEN ENERGY
681054	<b>SOLAR PANEL/XL</b>	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	<b>BAT</b>	Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables
629291	<b>BAT/LIVI 3-6-9/24</b>	Rechargeable batteries kit for LIVI/N 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate
629292	<b>BAT/LIVI/N SUPPORT</b>	Support for LIVI/N batteries with fixing screws
649200	<b>BAT/PASS</b>	Batteries set for PASS barriers complete with 2 x 4Ah batteries, fixing plates and connecting cables
649201	<b>BAT/STOP</b>	Batteries set for STOP barriers complete with 2 x 4Ah batteries, fixing plates and connecting cables
639590	<b>BAT/ADV</b>	Batteries set for ADVANCE
175001	<b>117</b>	Rechargeable battery, 12V, 4Ah
175000	<b>117B</b>	Rechargeable battery, 12V, 1,2Ah
175009	<b>117G</b>	Extra battery for GREEN ENERGY

## 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)



## 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



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

## 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



102LUX



GT-KEY



GT-KEY/SB



GT-KEY/I

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-G 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



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 (56xh155x55mm)
662012	105/N	Pair of recessed photocells (70xh70x88mm)
681070	106/N	Plastic holder to be cemented for art. 105/N (63xh63x73mm)
COD.	Art.	DESCRIPTION
681060	COVER	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	55cm column for photocell (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



New: Cable  
L=5m



CLED230



CLED24

COD.	Art.	DESCRIPTION
661063	AURA230	230V ~ flashing light LED, with integrated antenna, 433 MHz, cavo L=5m (85xh140x42mm)
661083	AURA24	24V ~ flashing light LED, with integrated antenna, 433 MHz, cavo L=5m (85xh140x42mm)
649180	CLED230	Flashing light circuit 230V ~ for STOP barriers (to be installed under the barrier cover)
649181	CLED24	Flashing light circuit 24V ~ for STOP and PASS barriers (to be installed under the barrier cover)

## LOCKS AND ACCESSORIES



110V



D

M



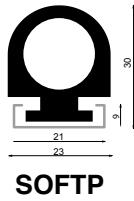
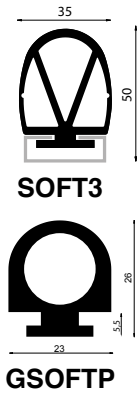
110OI



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	110OI	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

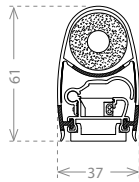
## SAFETY DEVICES AND ACCESSORIES



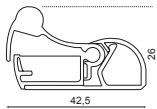
### PASSIVE EDGES

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

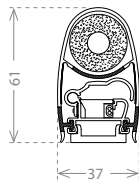


COD.	Art.	DESCRIPTION
171034	C-16	Mechanical edge L=1,6m
171035	C-20	Mechanical edge L=2m
171036	C-25	Mechanical edge L=2,5m



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)

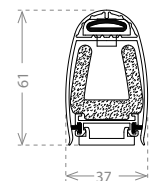
### RESISTIVE SAFETY EDGES (ACCORDING TO EN12978)\*



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

# STOP + STOP4/N - STOP6/N + KIT MOLLA

1pcs					
L					KIT MOLLA
4m STOP24NET/V	✓	✓			1
	✓	✓	✓		
6m	✓				1
	✓	✓			
	✓		✓		
	✓	✓	✓		

2pcs + BOOM-LINK (STOP-JOINT)					
L					KIT MOLLA
6m		✓		✓	1
	✓				
	✓	✓			
	✓	✓	✓	✓	
	✓	✓	✓		
7m	-	-	-	-	1
				✓	2
		✓		✓	
	✓				
	✓	✓			
			✓		
			✓	✓	
	✓	✓	✓	✓	
7,5m	-	-	-	-	1
				✓	2
		✓		✓	
	✓				
	✓	✓			
			✓		
			✓	✓	
8m	-	-	-	-	2
			✓		3
				✓	
		✓		✓	
			✓	✓	
	✓	✓	✓		

## STOP + BOOM + KIT MOLLA

2pcs + BOOM-LINK (STOP-JOINT)				
L				KIT MOLLA
6m	✓	✓		1
7m			✓	1
		✓	✓	
	✓			2
	✓	✓		
8m	-	-	-	1
		✓		
			✓	2
		✓	✓	
	✓			3
	✓	✓		

## TRAFIK + BOOM + MOLLA

L				MOLLA
2m - 5m	-	-	-	S
		✓		
	✓		✓	
	✓	✓		
5,5m	-	-	-	S
		✓		
	✓		✓	XL
	✓	✓		
6m	-	-	-	S
		✓		XL
			✓	
	✓			
	✓	✓		











## HEADQUARTER

### > HEADQUARTER

#### DEA SYSTEM S.P.A.

Via della Tecnica, 6 - 36013 Piovene Rocchette (VI) - ITALY

☎ + 39.0445.55.07.89 - 📠 + 39.0445.55.02.65

info@deasystem.com - www.deasystem.com

### FILIALE ITALIA

Viale Como, 18 - 20034 - Giussano (MB) - ITALY

☎ + 39.0362.31.17.52 - 📠 + 39.0362.18.20.521

deasystem.milano@deasystem.com - www.deasystem.com

## INTERNATIONAL SUBSIDIARIES

## FRANCE

### > HEAD OFFICE

#### DEA SYSTEM S.A.R.L.

220, rue Ferdinand Perrier - Parc Annapurna - 69800 Saint Priest - FRANCE

☎ + 33.(0)4.78.90.32.04 - 📠 + 33.(0)4.78.90.32.98

contact@deafrance.fr - www.deasystem.fr

#### DEA ATLANTIQUE Sarl – AGENCE NORD OUEST

☎ +33.4.78.90.32.04 - 📠 +33 4.78.90.32.98

atlantique@deafrance.fr - www.deasystem.fr

#### DEA SYSTEM FRANCE GRAND SUD SAS

17, rue Odette Jasse - 13015 Marseille

☎ + 33.(0)4.84.25.33.33 - 📠 + 33.(0)4.91.98.53.84

contact@dea-system.fr - www.deasystem.fr

#### DEA SUD-OUEST SAS

6, Chemin du Chapitre - Z.I. Thibaud - 31100 Toulouse - France

☎ + 33.(0)5.62.48.80.40 - 📠 + 33.(0)5.62.48.97.65

contact@deasudouest.fr - www.deasudouest.fr

#### DEA SUD-OUEST SAS - AGENCE AQUITAINE

2, rue Gaspard Monge - Z.I. Bersol - 33600 Pessac - France

☎ + 33.(0)5.57.02.09.29 - 📠 + 33.(0)5.57.93.05.23

agence.aquitaine@deasudouest.fr - www.dea-aquitaine.fr

#### DEA LANGUEDOC-ROUSSILLON

276, rue Jean Baptiste Calvignac - ZAE la biste 2

34670 Baillargues - France

☎ +33.(0)4 99 74 56 47

agence@dea-lr.fr - www.dea-lr.fr

## UNITED KINGDOM

### > HEAD OFFICE

#### DEA GATE AUTOMATION Ltd.

Sandholes Road - Cookstown - Co. Tyrone

BT80 9AR - NORTHERN IRELAND

☎ + 44 (0)28 8676 6476 - 📠 + 44 (0)28 8676 2414

info@deagateautomation.com - www.deasystem.co.uk

#### DEA GATE AUTOMATION Ltd.

Unit 31 - The IO Centre - Hearle Way - Hatfield - Hertfordshire

AL10 9EW - GREAT BRITAIN

☎ + 44 (0)17.07.24.65.99

info@deagateautomation.co.uk - www.deasystem.co.uk

## GERMANY

#### DEA Torantriebe GmbH

Sattlerstraße, 7 - D-85229 Markt Indersdorf

☎ +49.8136 8089161 - 📠 +49.8136 8089163

info@dea-torantriebe.de - www.dea-torantriebe.de

## POLAND

#### DEA POLSKA Sp. z o.o.

Ul. Imielinska 32a - 41-407 Imielin - POLAND

☎ + 48.32.627.12.77

deapolska@deapolska.pl - www.deapolska.pl - www.deasystem.pl

## PORTUGAL

#### DEA PORTUGAL L.D.A.

Zona Industrial de Abraveses - Armazém D - 3515-157 Viseu -PORTUGAL

☎ + 351.232.458.377 - ☎ + 351.232.451.411 - 📠 + 351.232.458.378

info@deasystem.pt - www.deasystem.pt

## BELARUS RUSSIA & CIS COUNTRIES

#### DEA SYSTEM C.I.S.

Kazintsa, 25a - 220099 Minsk - BELARUS

☎ + 375.17.395.86.30 - 📠 + 375.17.395.86.30

deacis@deasystem.com - www.deacis.ru

## SPAIN

#### DEA SYSTEM S.L.

C/ Indústria, 20 - 08184 Palau - Solità i Plegamans - Barcelona - SPAIN

☎ + 34.902.33.00.32 - 📠 + 34.93.866.76.53

deasystem@deasystem.es - www.deasystem.es



# DEA®



move as you like

**DEA SYSTEM S.p.A.**

Via della Tecnica, 6 - 36013 Piovene Rocchette (VI) - ITALY

☎ + 39.0445.55.07.89 - 📠 + 39.0445.55.02.65

info@deasystem.com - www.deasystem.com

