

# LIVI 502

Electromechanical automation for swing gates  
up to 4,5 m - 400 kg



For residential and  
commercial usage



Available in 230V and 24V



# LIVI 502



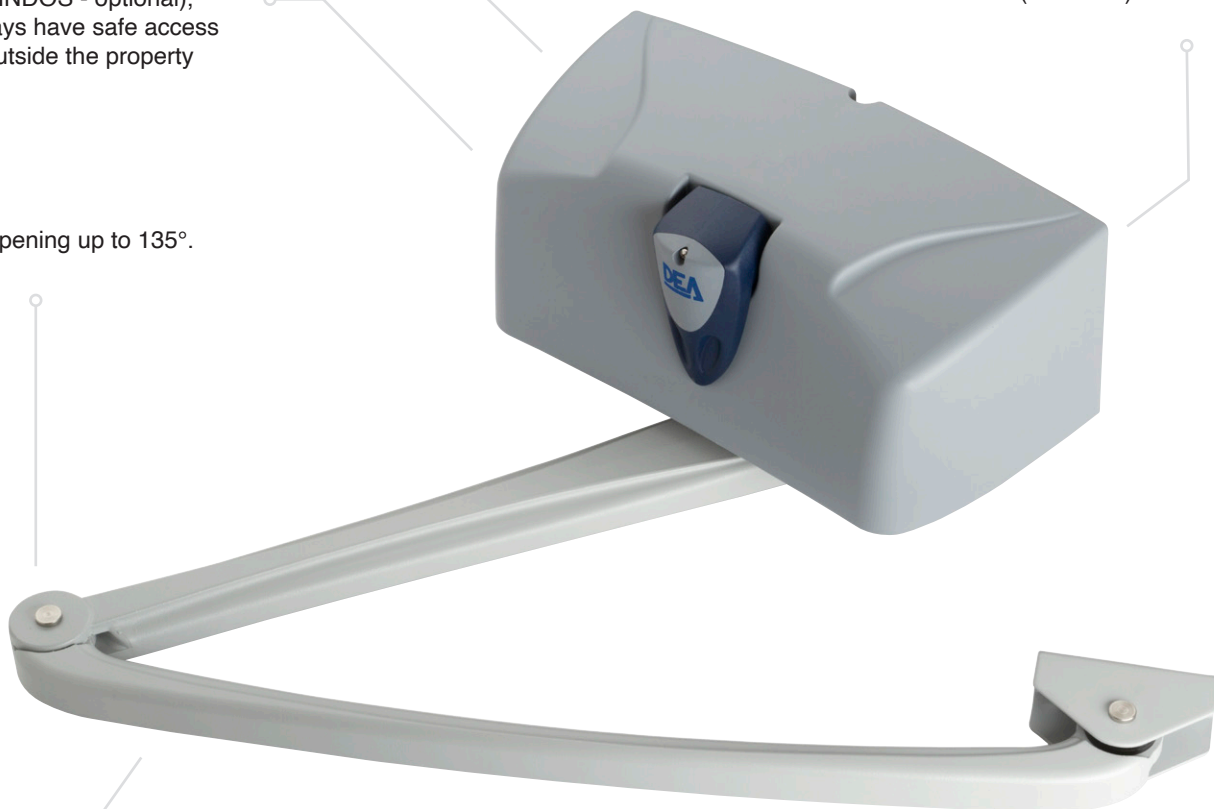
Compatible with external cable release (art.560M and art. BLINDOS - optional), to always have safe access from outside the property



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

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

Door opening up to 135°.



Sliding rail (optional) to avoid lateral obstructions

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





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



## Models

### 230V ~ operators without control board and arm





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

All models have: arm not included. Horizontal mounting plates included.  
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

### 24V ~ operators without control board and arm



COD.	Art.			OTHER CHARACTERISTICS
623180	502/24	••		• For leafs 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

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)	22	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		

## Characteristics



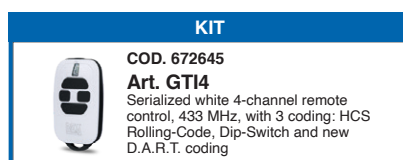
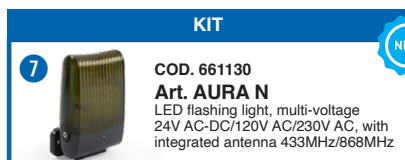
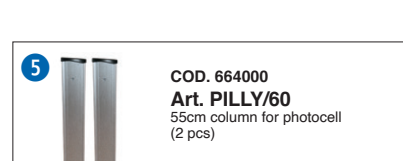
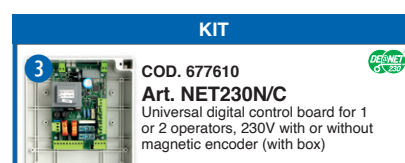
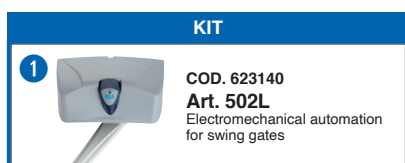
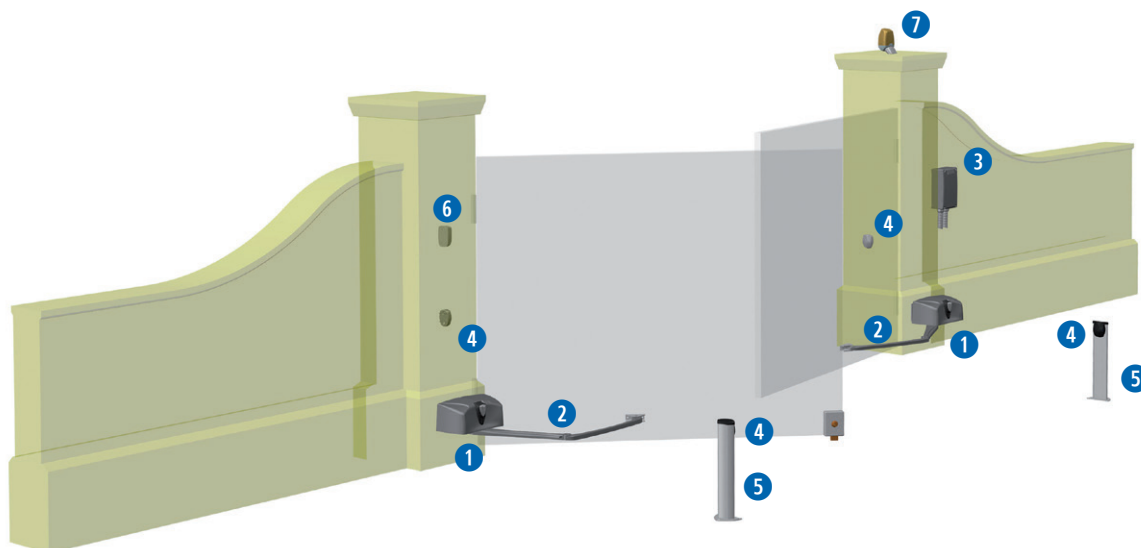
Reinforced aluminium arm



Internal mechanics in steel with ball bearings

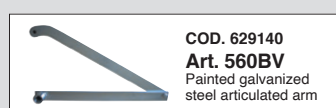
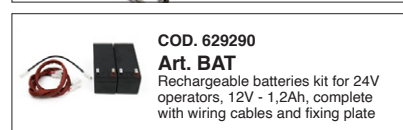
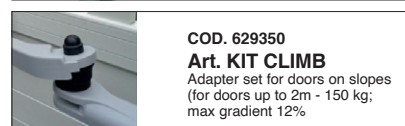
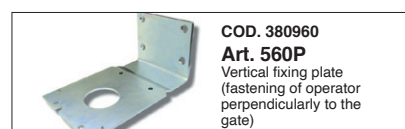


## Example of a typical installation



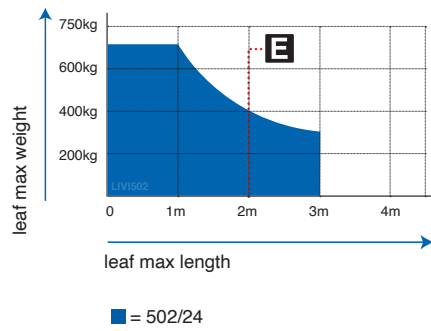
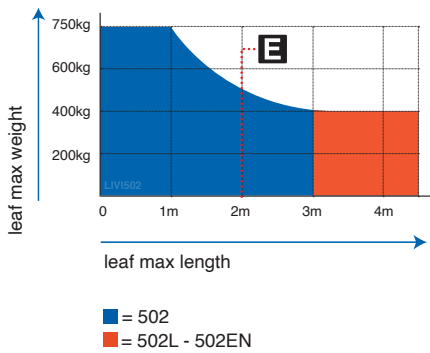
**KIT** for further details on the kits see price list

## Specific accessories

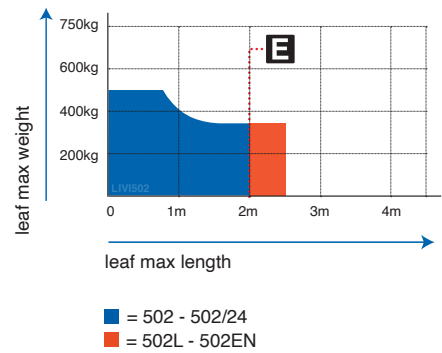


## Guide to use

### ARTICULATED ARM

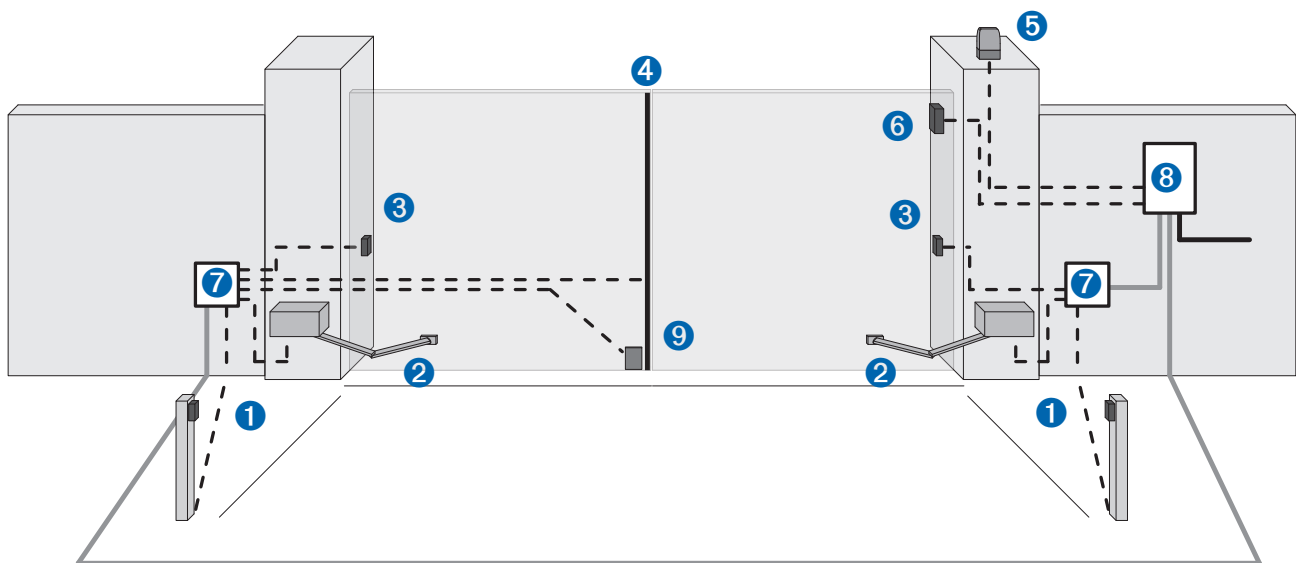


### SLIDING ARM



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.

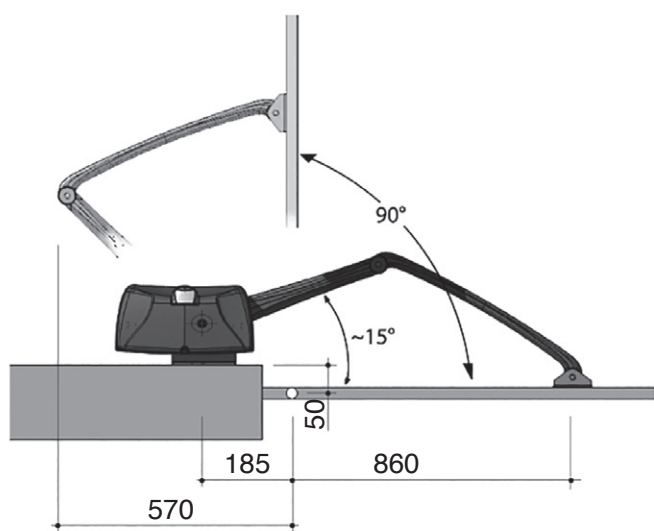
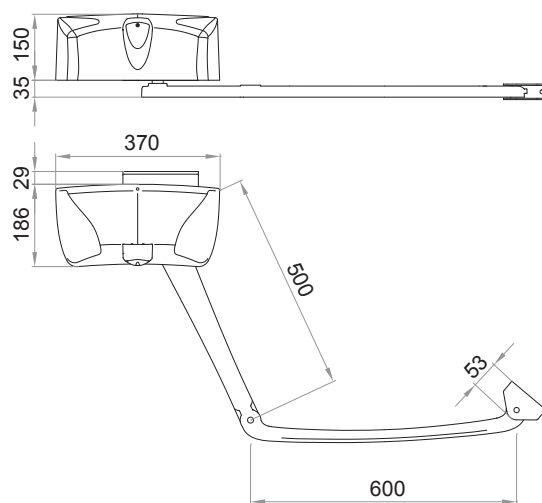
## Wiring



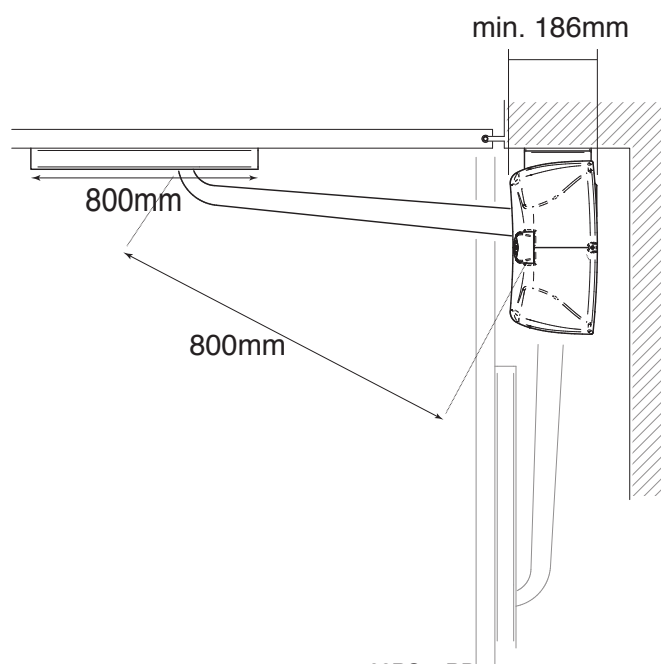
- Corrugated pipe for power supply cable
- Ø40 corrugated pipe for connection between the control board and the junction box
- - - Ø20 corrugated pipe or external PVC conduit for connection between the control board and the command and safety accessories

pos.	description
1	Column with photocells
2	Operator
3	Photocells
4	Safety edge
5	Flashing light
6	Keyswitch / Digicode
7	Junction box
8	Control board
9	Electric-lock

## Dimensions



art. 560A + BV

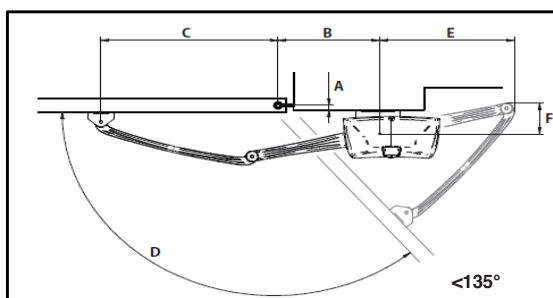
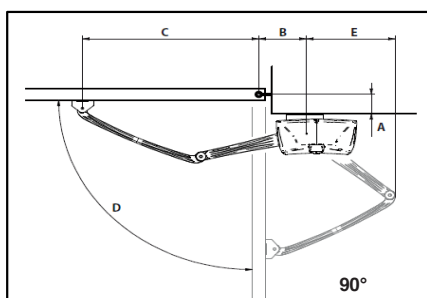


art. 560BS + BD



## Dimensions

LIVI 502 with Art. 560A					
A	B	C	D	E	F
20	200	860	90°	372	-
50	200	840	90°	392	-
100	200	820	90°	418	-
120	200	820	90°	424	-
150	200	800	90°	438	-
200	200	800	90°	452	-
250	200	800	90°	464	-
300	200	800	90°	472	-
350	200	780	90°	482	-
0	390	680	135°	498	208
20	390	680	130°	522	140
20	300	760	120°	532	75
20 ÷ 50	250	800	110°	520	-
50 ÷ 100	220	810	100°	482	-



# DEAuser



DEAuser is the app for **private users** that allows activation of automation at **close proximity** via Bluetooth.

By installing the NET-NODE on all devices with NETLINK technology, users can control their automations through their smart devices.

To be used with:



Art.NET-NODE 2.0  
Cod.677642





# DEAinstaller



DEAinstaller is the App dedicated to the **professional installer** and allows Installers to program and manage DEA automations on-site in a simple and intuitive way from their smart devices.

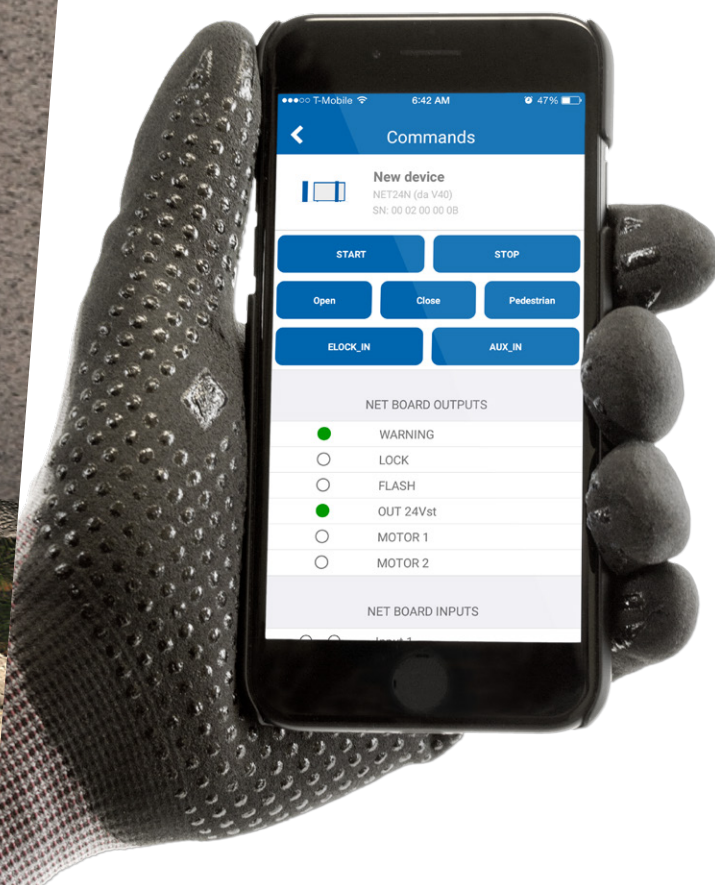
If you use it with the NET-NODE you can:

- ✓ keep a **data backup** of all installations
- ✓ easily adjust the **parameters** of control boards
- ✓ update the **firmware**
- ✓ program the **maintenance**
- ✓ manage or customise the **remotes**
- ✓ read **technical manuals** or have a look at the **electrical connections**
- ✓ control the **inputs** and **output** of the control boards
- ✓ **control** the automation with the App

To be used with:



Art.NET-NODE 2.0  
Cod.677642





✓ 24V  
✓ 120V  
✓ 230V

**AURA N**

cod. 661130



**LINEAR XS**

cod. 662080



**LINEAR**

cod. 662044



**COVER/2**

cod. 681060



**LINEAR SHIELD**

cod. 662047



**PILLY 60 -120**

cod. 664000 - 664010



**DIGIPRO**

cod. 663310



**DIGISLIM**

cod. 663311



**GT-KEY**

cod. 663090



**DIGIRAD**

cod. 663280



**BAT**

cod. 629290



**BLINDOS**

cod. 665000



**GTI2-GTI4**

cod. 672635 - 672645



**GTI2M-GTI4M**

cod. 672603 - 672613

## #safeasyoulike!

### Non-copyable remotes!

GTI remotes are multi-function. They have three coding possibilities: DIP SWITCH, Rolling Code and D.A.R.T. the new DEA advanced coding.

You can customise the code of the remotes to guarantee the maximum security to your customer.

**D. DEA**

**A. Advanced**

**R. Rolling Code**

**T. Transmission**

Looking for **total safety**?  
With **NET-BOX** each installer can customise the code of your GTI remotes.



## #colourasyoulike!

### Choose your favorite colour!

GTI remotes can be customised with button kits in seven colours: green, light green, blue, pink, yellow, orange and purple.



GREEN



YELLOW



LIGHT GREEN



ORANGE



BLUE



PURPLE



PINK



Note: button kits are supplied in packs of 5. The remote must be ordered separately.





# NETLINK

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



## Our range

### Automations for sliding gates



LIVI N



REV



GULLIVER



### Automations for sectional doors



SPACE



ADVANCE



LIVI 902



### Automations for swing gates



MAC



STING



LOOK



GEKO



LIVI 502



GHOST 100/200



OLI N



### Automations for industrial gates



LATO



550 PL



### Barriers



PASS



STOP



TRAFIK



### Bollards



ROCK



**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

**Branches >** Italy, France, United Kingdom, Ireland, España,  
 Portugal, Polska, Deutschland, Беларусь

**> HEAD OFFICE**  
**DEA GATE AUTOMATION Ltd.**  
 Sandholes Road - Cookstown - Co. Tyrone  
 BT80 9AR - IRELAND  
 ☎ + 44 (0)28 8676 6476 - 📠 + 44 (0)28 8676 2414  
 info@deagateautomation.com

**DEA GATE AUTOMATION Ltd.**  
 Unit 31 - The IO Centre - Hearle Way - Hatfield - Hertfordshire  
 AL10 9EW - UNITED KINGDOM  
 ☎ + 44 (0)17.07.24.65.99  
 info@deagateautomation.co.uk