

STING

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



For residential and
collective usage



Available in 230V and 24V



#fastasyoulike!
STING/BOOST
gate opening at 90° in 9"



STING

Robust and reliable operator, in one-piece body



Quick unlocking with customised metal key



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

No risk of blocking the gate in case of blackout thanks to the backup batteries (optional, art. BAT, code 629290) that can be installed on 24V models

Door opening up to 110°.



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



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



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

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



STING	Opening time about 90 °	16"
STING/BOOST		9"






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



Models

230V ~ operators without control board







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

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR)

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

24V ~ operators without control board



COD.	Art.			OTHER CHARACTERISTICS
625051	STING/24		395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length
625056	STING/24-BOOST (37 mm/s)		395mm without MAC/FM 334mm with MAC/FM	• For leaves up to 3m length

All models have: adjustable fixing plates to be screwed included (art. MLS/SFR)

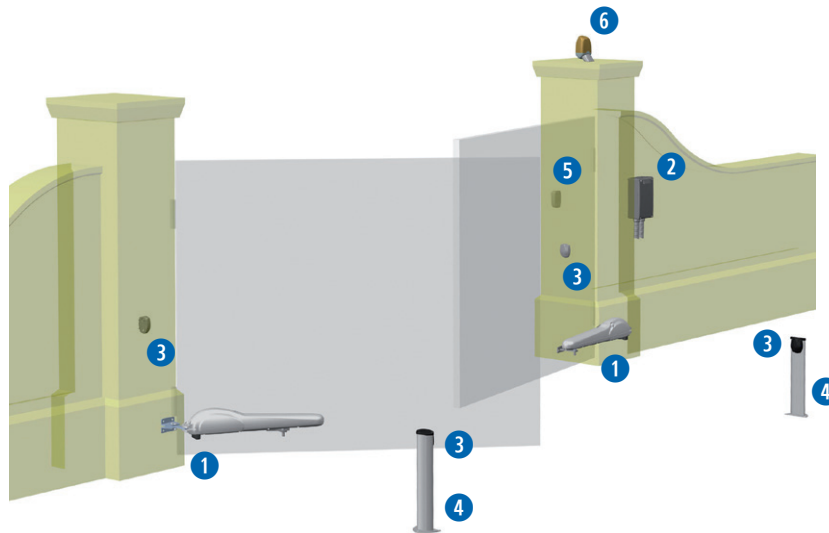
Control board to complete the installation: control board cod. 678261 art. NET24N/C (with box)

Technical info

TECHNICAL INFO	STING	STING/EN	STING/24	STING/24-BOOST
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V <small>max</small>	
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 different according to the characteristics of the installation

Example of a typical installation



KIT

1

COD. 625050
Art. STING
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. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz

KIT

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

COD. 668010
Art. 127
Warning sign

KIT for further details on the kits see price list

Specific accessories

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

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

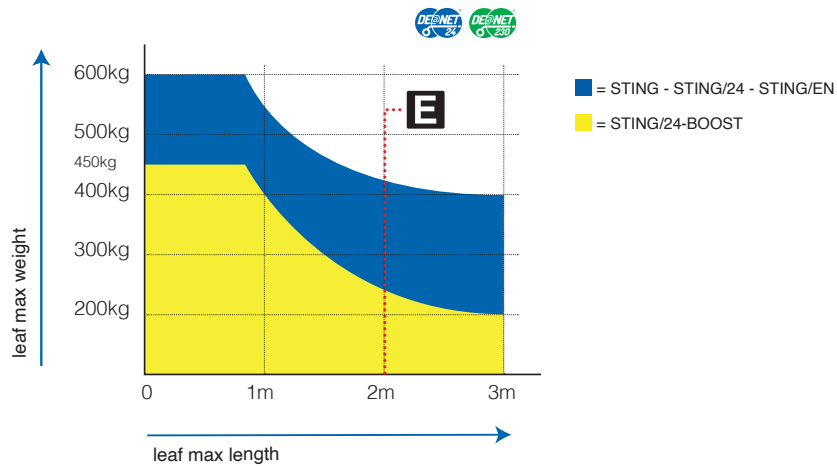
COD. 629312
Art. MLS/SFR
Adjustable fixing plates to be screwed

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

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

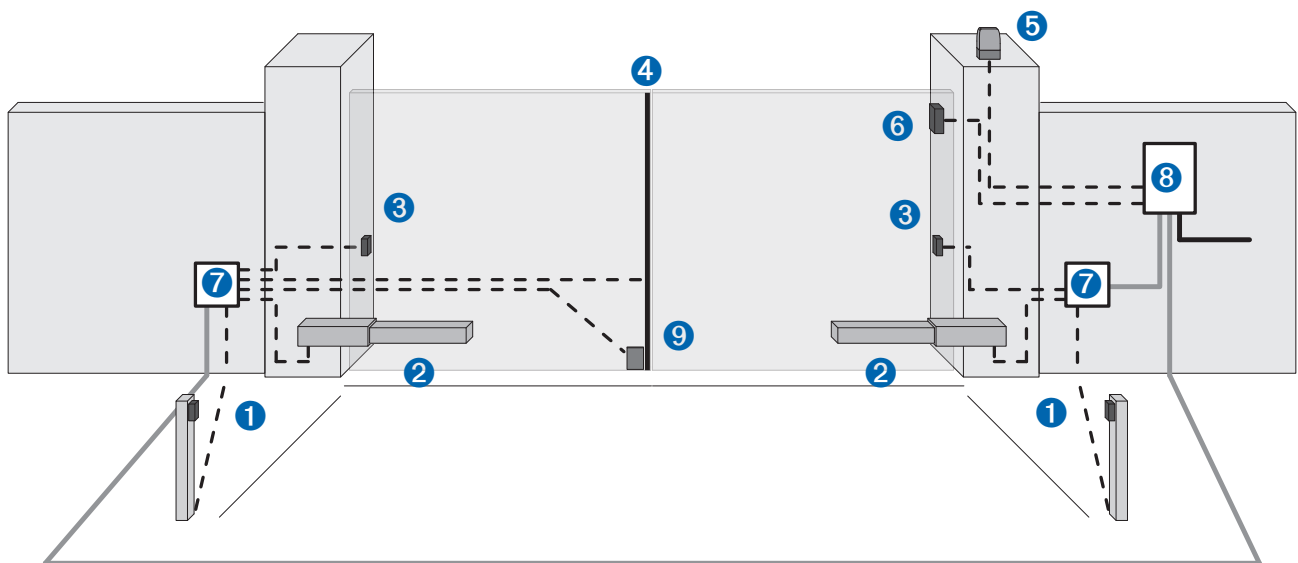
COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

Guide to use



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

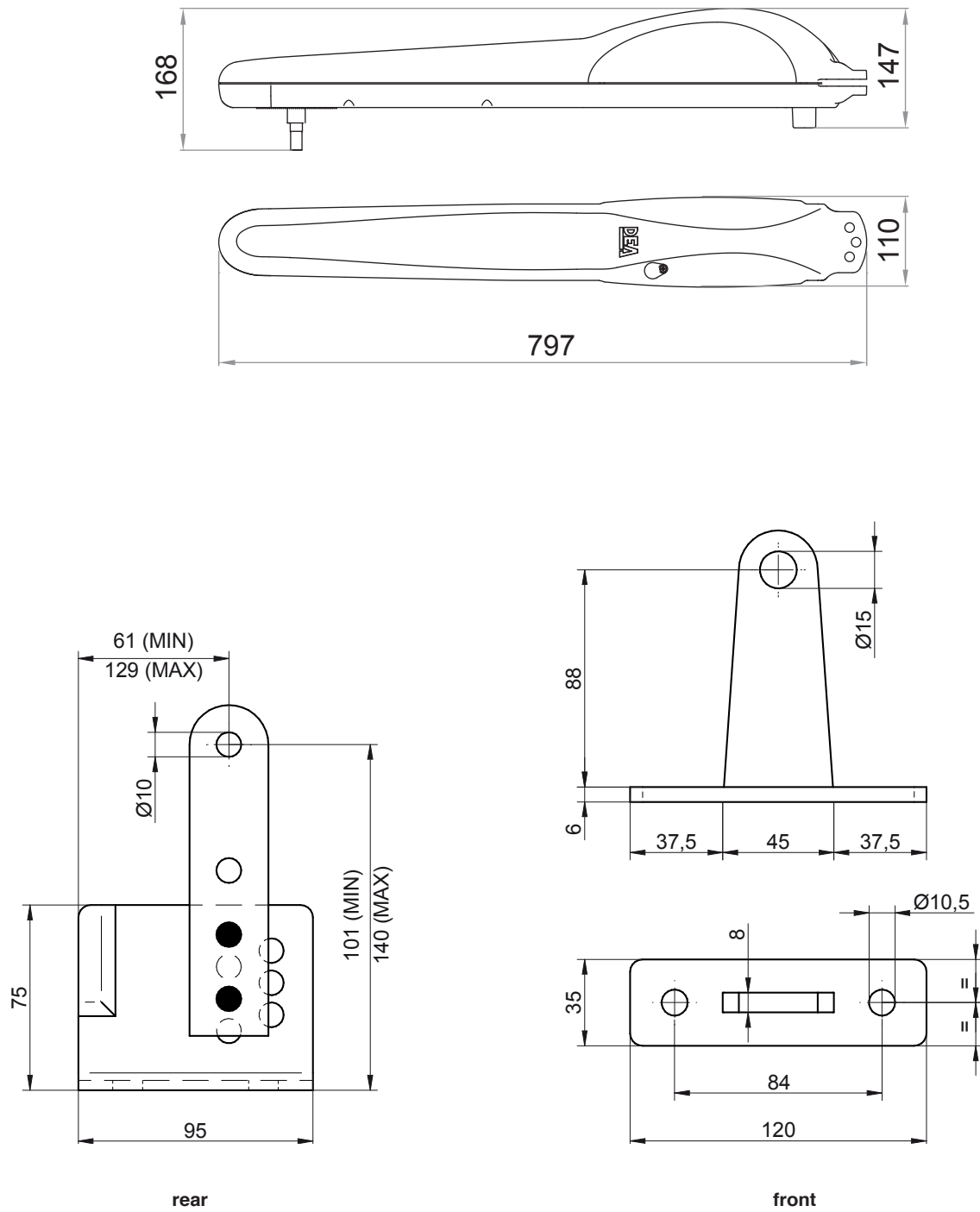
Wiring



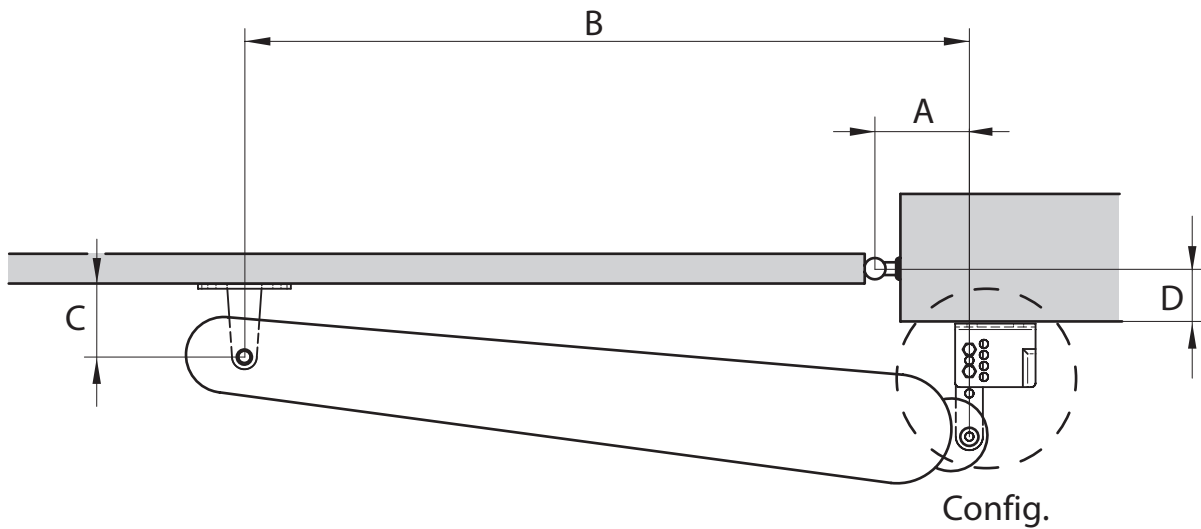
- Corrugated pipe for power supply cable
- Ø40 corrugated pipe for connection between the control board and the junction box
- - - Ø20 corrugated pipe or external PVC conduit for connection between the control board and the command and safety accessories

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

Dimensions



Installation dimensions



Art. STING	
Config. 1	Config. 2

STING + Art. MAC_FM						Note
	Config.	A	B	C	D	
90°	1	125	685	94	0÷50	* Senza fermi meccanici in apertura (corsa max 367 mm), Without mechanical stops in opening (max stroke 367 mm), Sans arrêts mécaniques en ouverture (course maxi 367 mm), Ohne mechanische Anschläge an Öffnung (max Hub 367 mm), Sin finales de carrera mecánicas en abertura (recorrido max 367 mm), Sem fins de cursos mecânicos no abertura (curso Max. 367mm), Bez ograniczników mechanicznych na otwarcie (max wysuw 367 mm), Без механических упоров на открытие (ход штока макс 367 мм).
	2	125	685	94	50÷75	
	2	140	685	109	75÷100*	
	2	140	685	114	100÷125*	
100°	1	160	690	104	0÷25*	

STING						Note
	Config.	A	B	C	D	
90°	1	125	720	94	0÷50	
	2	125	715	94	50÷100	
	2	150	715	124	100÷125	
100°	1	160	720	104	0÷25	
	1	170	720	109	25÷50	
110°	1	185	720	99	0	
	2	185	720	99	25	

DEAuser



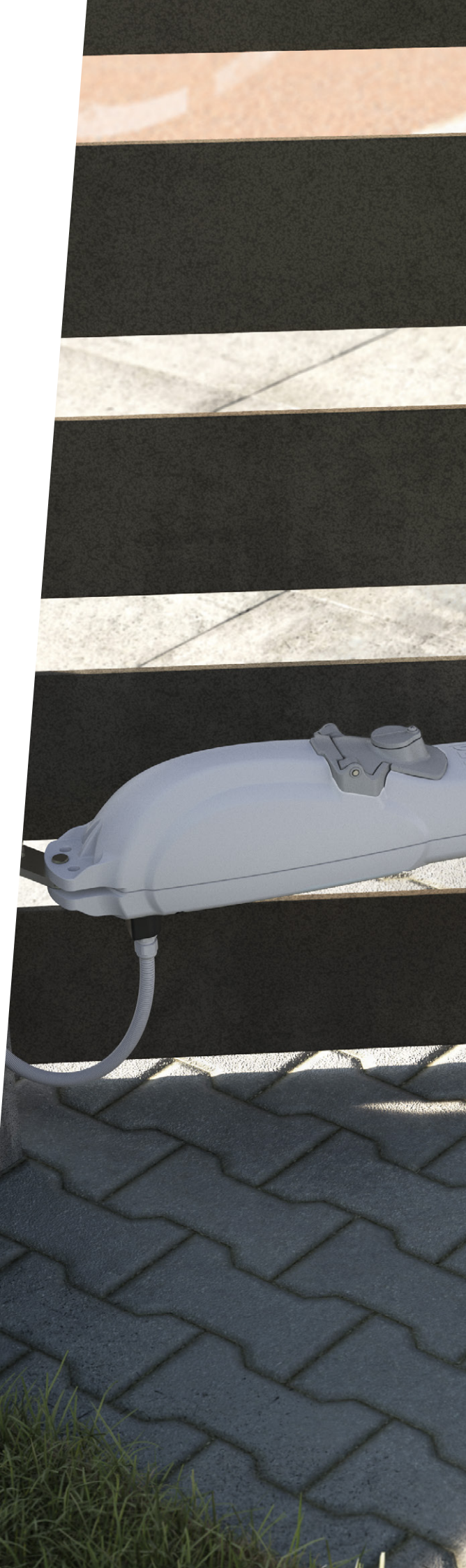
DEAuser is the app for **private users** that allows activation of automation at **close proximity** via Bluetooth.

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.

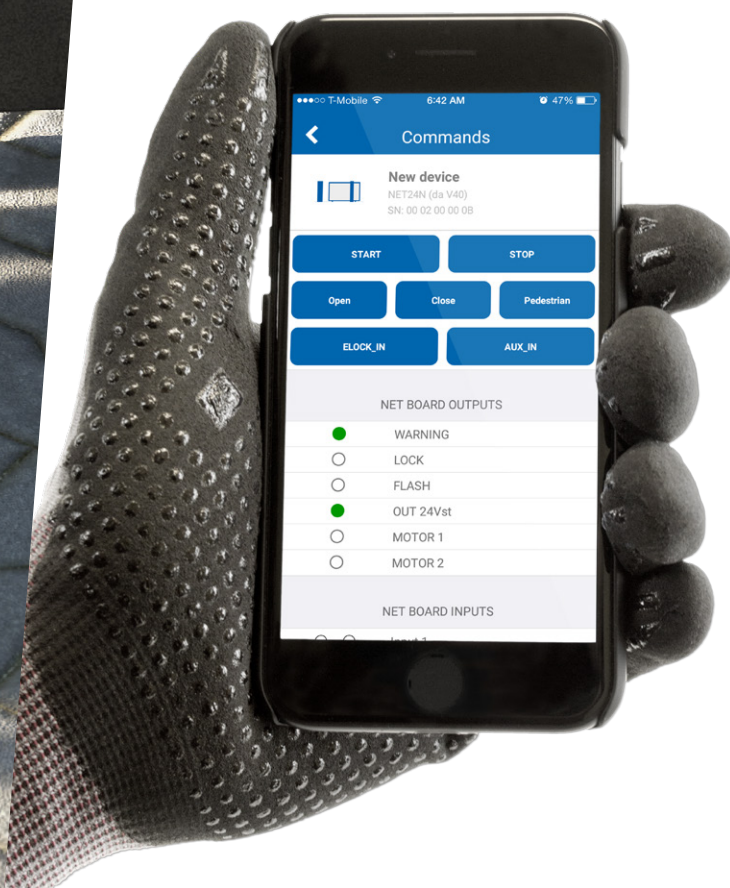
If you use it with the NET-NODE you can:

- ✓ 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



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



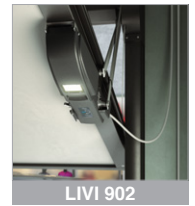
Automations for sectional doors



SPACE



ADVANCE



LIVI 902



Automations for swing gates



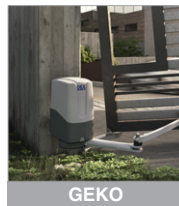
MAC



STING



LOOK



GEKO



LIVI 502



GHOST 100/200



OLI N



Automations for industrial gates



LATO



550 PL



Barriers



PASS



STOP



TRAFIK



Bollards



ROCK



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