GHOST 200

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

For residential and collective usage

Available in 230V and 24V

DEA
move as you like

GHOST 200

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

Painted aluminum operator body for high corrosion protection

Leaf opening up to 180° with art. 216GN

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

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

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

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

NETCOM

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

Models

230V ~ operators without control board

COD.	Art.	⚙️	ENCODER	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

Technical info

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		

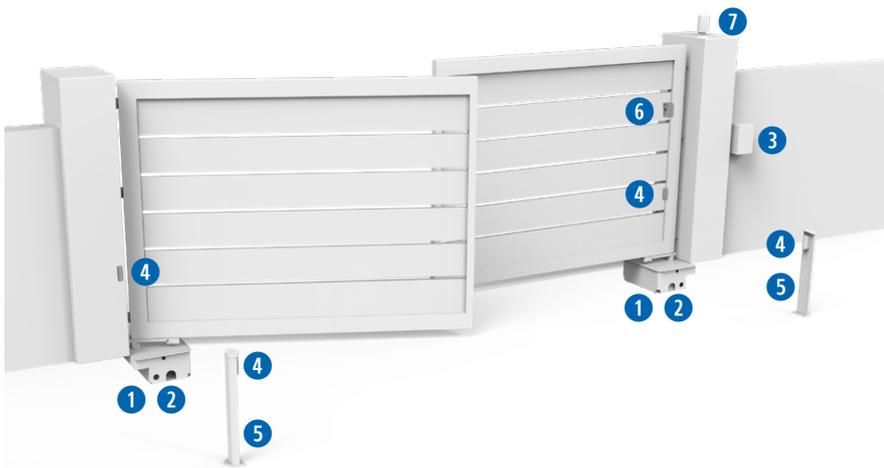Scan the QR CODE to view all the content we have created on this operator

Operator with a steel worm screw and a bronze crown wheel lubricated with low viscosity grease guaranteeing a longer service life and a reduced wear
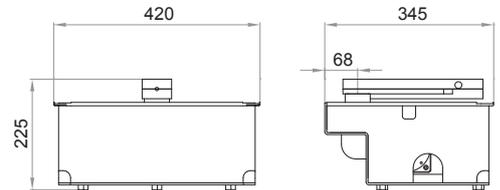

Emergency key-operated release (internal or external)

Example of a typical installation

Dimensions

420

345

68

225

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

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

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

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

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

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

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

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

KIT for further details on the kits see price list

Specific accessories
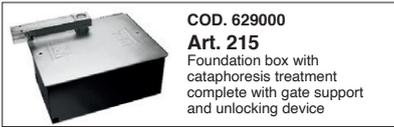
COD. 629000
Art. 215
Foundation box with cataphoresis treatment complete with gate support and unlocking device
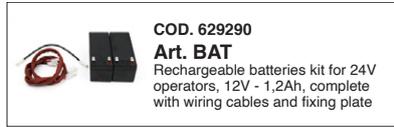
COD. 629010
Art. 215I
Stainless steel foundation box complete with unlocking mechanism

COD. 629030
Art. 218
Mechanical limit switches

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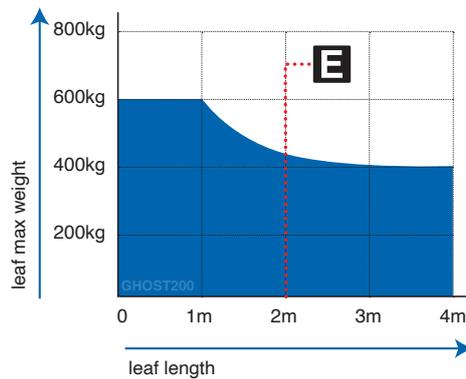Device to be fixed into art. 215 e art. 215I to obtain an opening angle of 180°

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

COD. 330610
GHOST RELEASE KEY
Release key for GHOST

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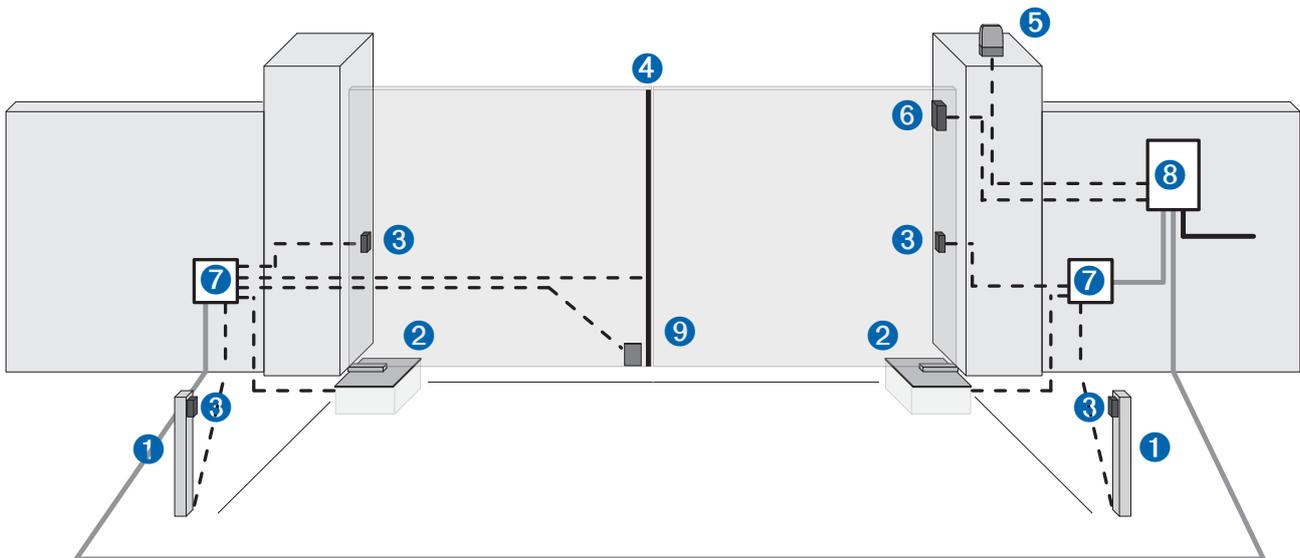
— Corrugated pipe for power supply cable
— Ø40 corrugated pipe for connection between the control board and the junction box
- - - Ø20 corrugated pipe or external PVC conduit for connection between the control board and the command and safety accessories

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

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.

DEAuser

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

By installing NET-NODE on all devices with NETLINK technology, you can control your gate through your smartphone.

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 your installations
- ☑ easily adjust the **parameters** of your 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

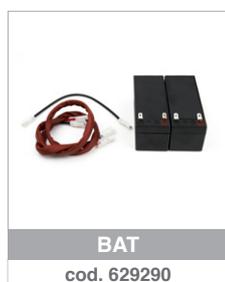|	
AURA/N ☑ 24V ☑ 120V ☑ 230V	cod. 661130
LINEAR XS	cod. 662080
LINEAR	cod. 662044
COVER/2	cod.681060
LINEAR SHIELD	cod. 662047

PILLY 60 -120	cod. 664000 - 664010
DIGIPRO	cod. 663310
DIGISLIM	cod. 663311
GT-KEY	cod. 663090
NEW **DIGIRAD/N**	cod. 663320

BAT	cod. 629290
GTI2-GTI4	cod. 672635 - 672645
GTI2M-GTI4M	cod. 672603 - 672613
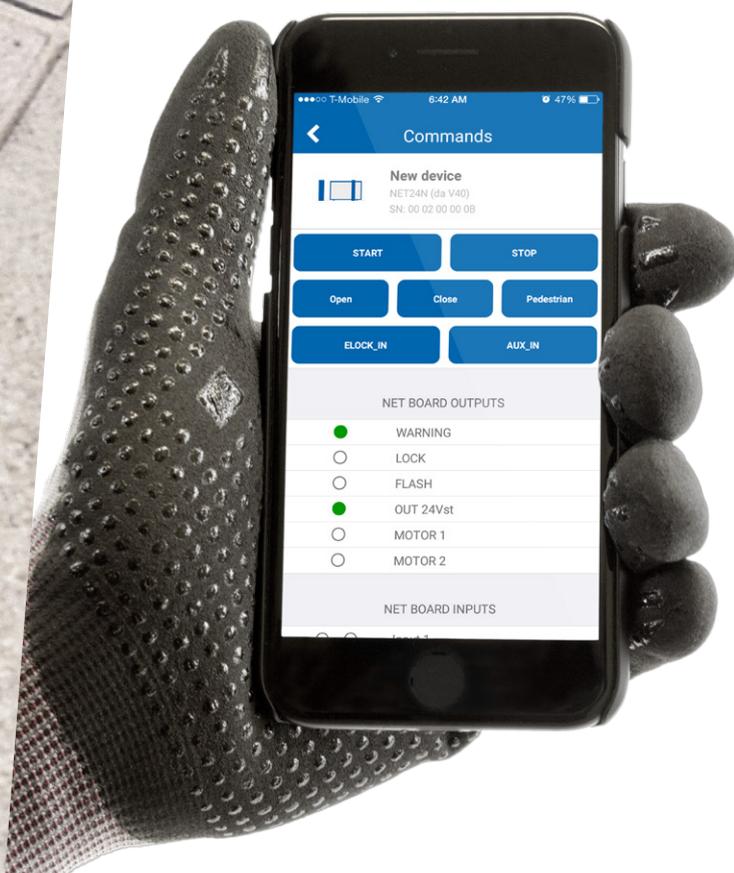
#<u>safe</u>asyoulike!

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.

#<u>colour</u>asyoulike!

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**.

NET-COM

The device for the managing installations remotely.

DE@NET

All DE@NET boards are compatible with NETLINK technology

DEA CLOUD

NET-NODE 2.0

The device for managing installations locally.

NET-BOX

The device for managing remotes from your office.

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, locally.

Our range

Automations for sliding gates

LIVI/N

REV

NEW
GULLIVER/N

Automations for sectional doors

SPACE/N

ADVANCE/N

LIVI 902
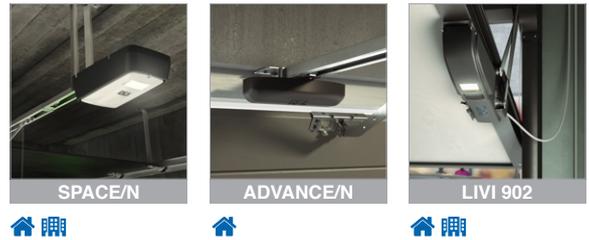
Automations for swing gates

MAC

STING

LOOK

GEKO

LIVI 502

GHOST 100/200

OLI/N

Automations for industrial gates

LATO

550 PL

Barriers

PASS/N

NEW
STOP/N

TRAFIK/N

Bollards

ROCK

DEA®
move as you like

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