

LATO

Automation for industrial sectional doors
up to 35m²



For collective and
industrial usage



Available in 230V / 400V



LATO

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

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



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

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

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



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



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



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



Models

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



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

All models: 1 side fixing plate art. LE included

For models LATO220NET: Control board NET230N included

Without control board

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

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

All models: 1 side fixing plate art. LE included

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



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

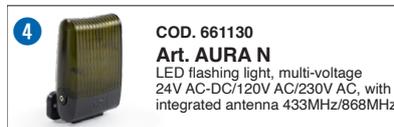
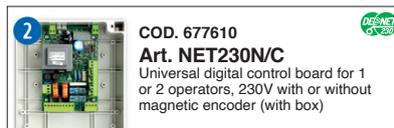
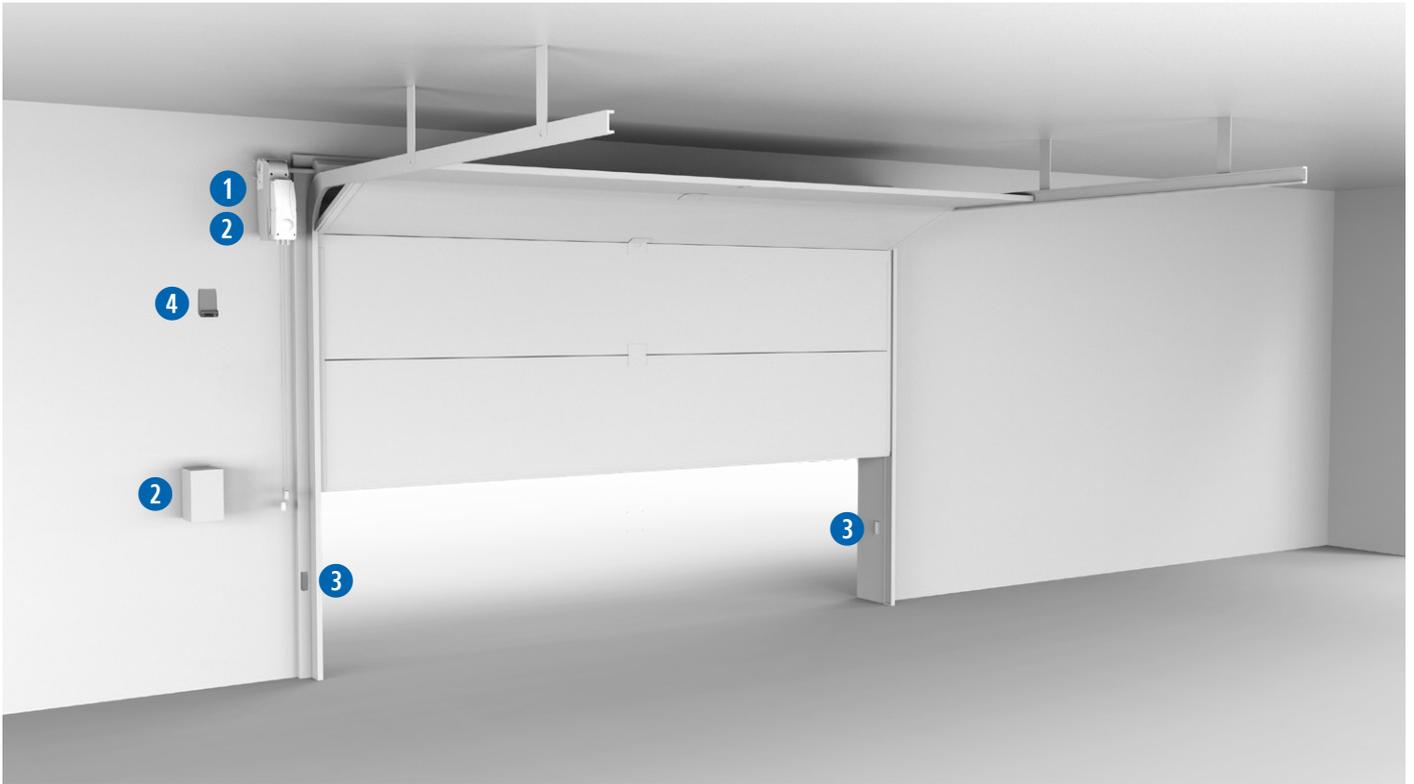
Control board to complete the installation: control board cod. 677140 art. 400RR/C (with box)

All models: 1 side fixing plate art. LE included

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



Example of a typical installation



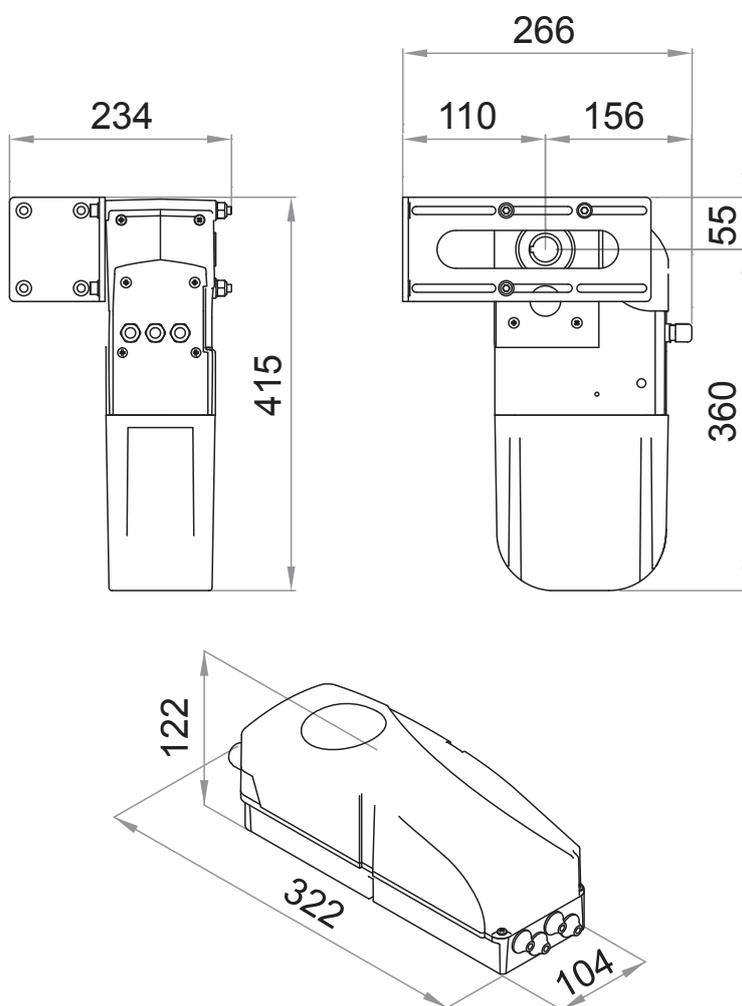
Specific accessories



Technical info

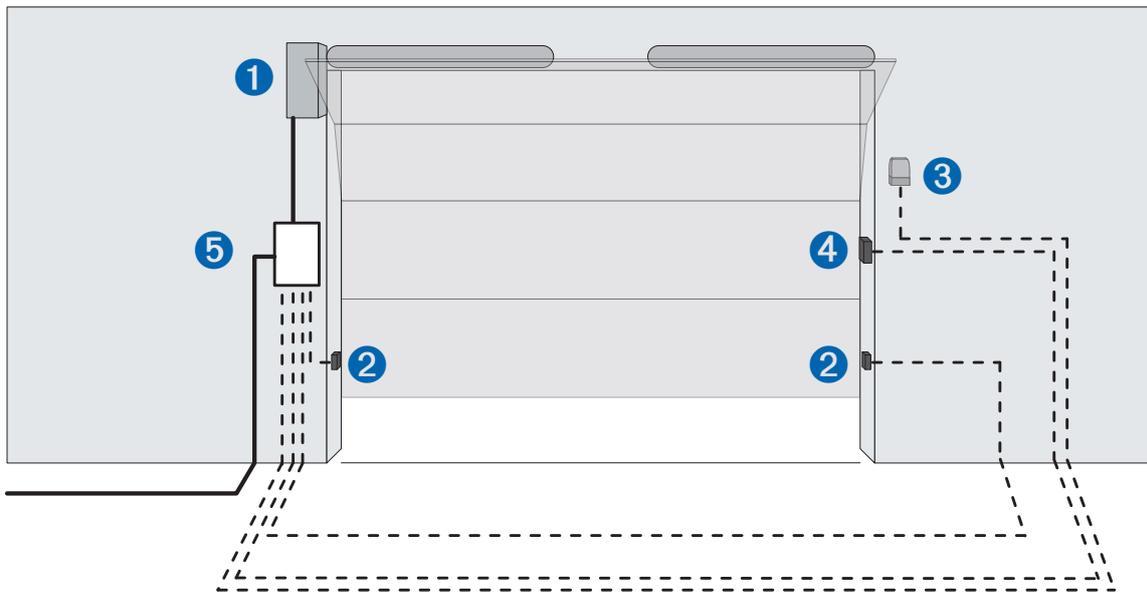
TECHNICAL INFO	220NET - 220/EN - 220/CEN - 220NET/C	400EN - 400CEN
Motor power supply (V)	230V $\sim \pm 10\%$ (50/60 Hz)	400V AC $\pm 10\%$ (50/60 Hz)
Maximum power absorption (W)	500	900
Max torque (Nm)	62	104
Duty cycle (cycles/hours)	14	35
N. max cycles in 24h.	180	240
Built-in capacitor (μF)	18	/
Operating temperature ($^{\circ}\text{C}$)	-20 \div 40	
Motor thermal protection ($^{\circ}\text{C}$)	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)

Dimensions



Wiring

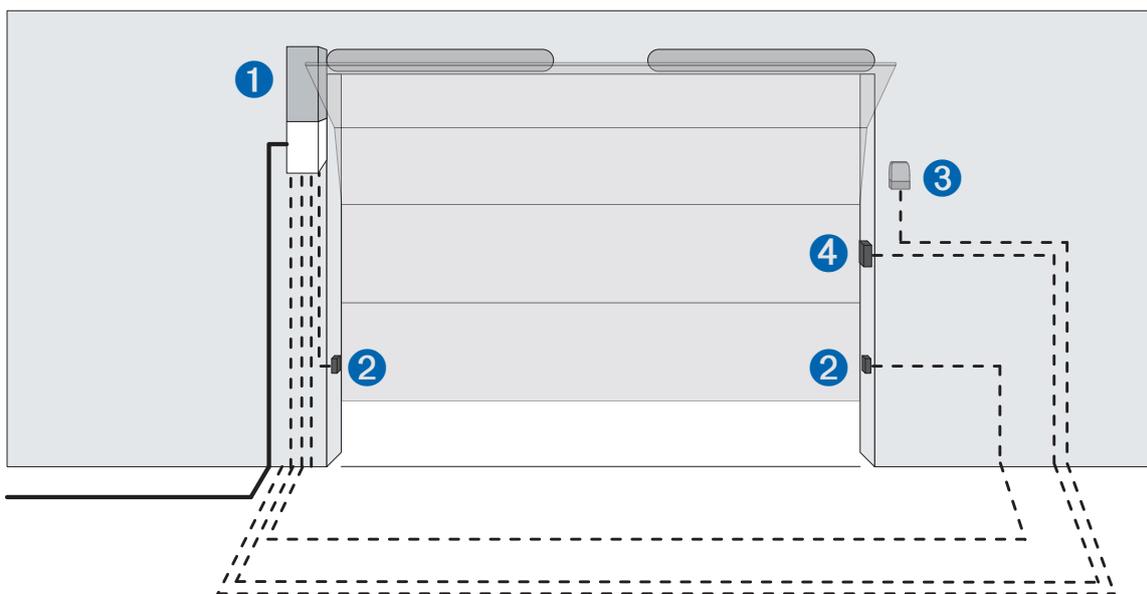
With separate control unit



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

pos.	description
1	Operator
2	Photocells
3	Flashing light
4	Keyswitch / Digicode
5	Control board

With integrated control board



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

pos.	description
1	Operator
2	Photocells
3	Flashing light
4	Keyswitch / Digicode



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.

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



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.

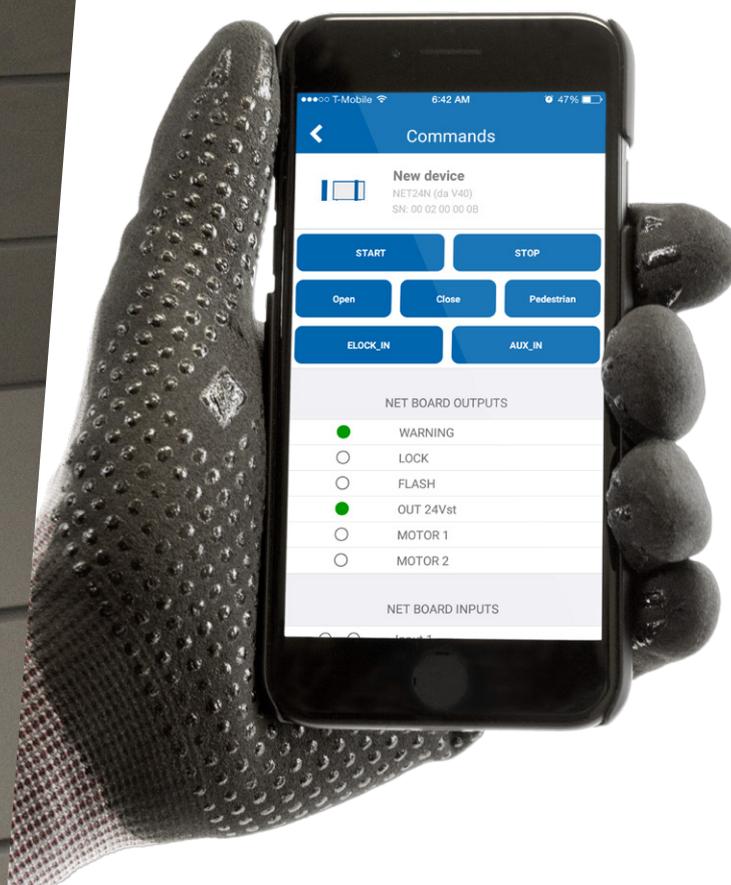
If you use it with the NET-NODE you can:

- ✓ 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



Generic accessories



#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.



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**.

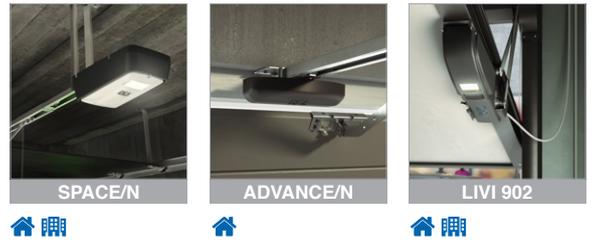


Our range

Automations for sliding gates



Automations for sectional doors



Automations for swing gates



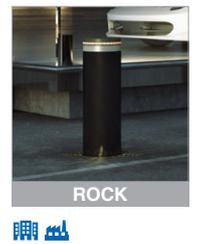
Automations for industrial gates



Barriers



Bollards



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