

LIVI 902

Electromechanical automation for counterweight overhead doors

1 operator up to 9m² - 2 operators over 9m²



For residential and
collective usage



Available in 230V and 24V



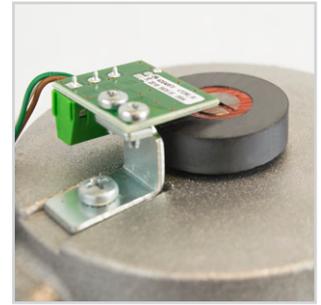
LIVI 902



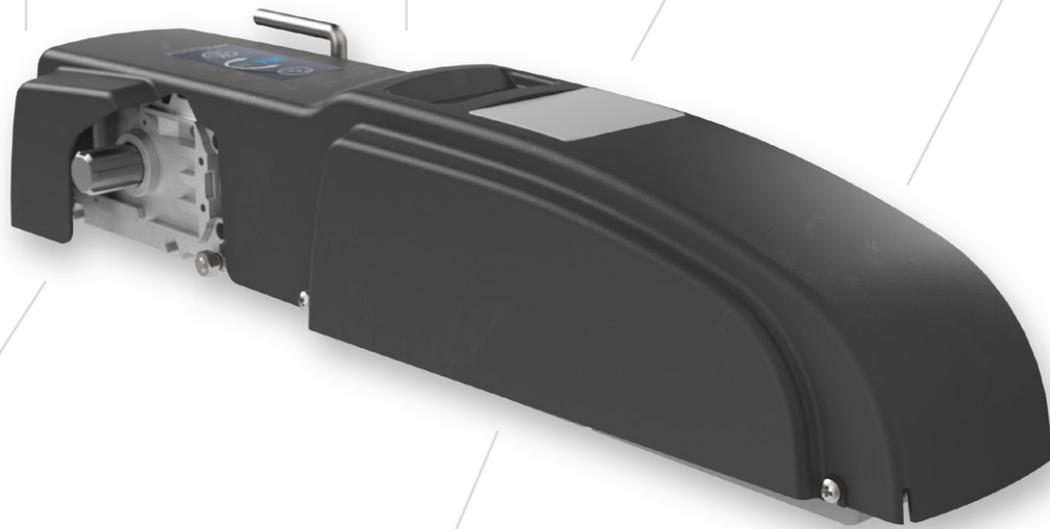
Robust mechanical gears and cogs guarantee reliability and durability over time



Integrated manual unlocking device



Check on the movement of motor by encoder which guarantees precision and safety



External unlocking device with art. 960C

New versions are available, with high IP level IP44

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!

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





Models

230V ~ operators with control board, without fixing plate



COD.	Art.				OTHER CHARACTERISTICS
633414	905NET/IP/BF		NET230N	✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder • IP44
633413	905NETP/BF		NET230N	✓	<ul style="list-style-type: none"> • Integrated push-button. Designed for unlocking device by cable • Magnetic encoder

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

230V ~ operators without control board and fixing plate

COD.	Art.			OTHER CHARACTERISTICS
633353	902EN/IP/BF		✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder • IP44
633351	902EN/BF		✓	<ul style="list-style-type: none"> • Designed for unlocking device by cable • Magnetic encoder

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

All 905 models: control board included art. NET24N. Fixing plate not included.

24V ~ operators without control board and fixing plate

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

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

Control board to complete the installation: control board cod. 677610 art. NET24N/C (with box)

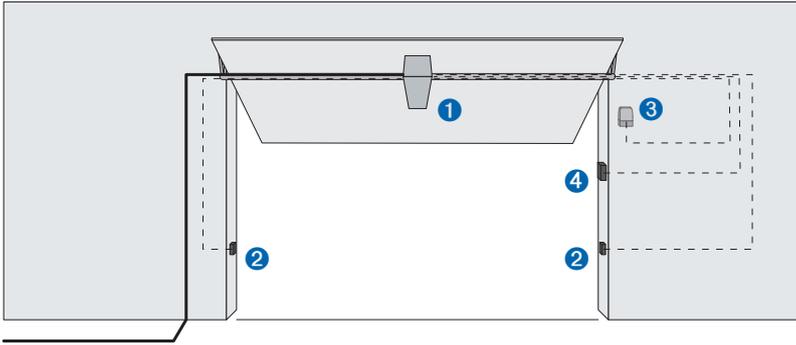
Specific accessories

	COD. 380360 Art. 953C Fixing plate L=675mm		COD. 380370 Art. 953N Fixing plate L=1300mm		COD. 380380 Art. 953NL Fixing plate L=2000mm
	COD. 639560 Art. 955 Pipe support Ø=30,5mm		COD. 639570 Art. 955V Pipe support Ø=40,5mm		COD. 639070 Art. 952BL Pair of pipes Ø=30mm, L=2000mm with bushing (for central mounting)
	COD. 639040 Art. 950 Telescopic straight arm to be welded (profile 40x10mm)		COD. 639140 Art. 950V Telescopic straight arm to be screwed, right and left Bushing Ø=40mm		COD. 639050 Art. 951 Telescopic bent arm to be welded (profile 40x10mm)
	COD. 639151 Art. 951V SX Telescopic bent arm to be screwed (left side) Bushing Ø=40mm		COD. 639150 Art. 951V DX Telescopic bent arm to be screwed (right side) Bushing Ø=40mm		COD. 639080 Art. 954 Splined bushing L=35mm (for side mounting)
	COD. 639360 Art. 950BS Galvanized steel telescopic arm with 50 mm splined bushing		COD. 629190 Art. 560BT Reinforced galvanized steel telescopic arm with splined bushing		COD. 639121 Art. 960PN Start push button to be mounted on the cover
	COD. 639160 Art. 954V Splined bushing with pipe L=300mm to be screwed		COD. 639111 Art. 560F - 960F Limit switches set		COD. 430650 Art. 960BF Unlocking device by cable (4m)
	COD. 639100 Art. 960C Hole cover with key for external unlocking		COD. 667051 Art. SOFTP Safety rubber profile (complete with aluminium base) useful to reduce the impact forces (24m)		COD. 629290 Art. BAT Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

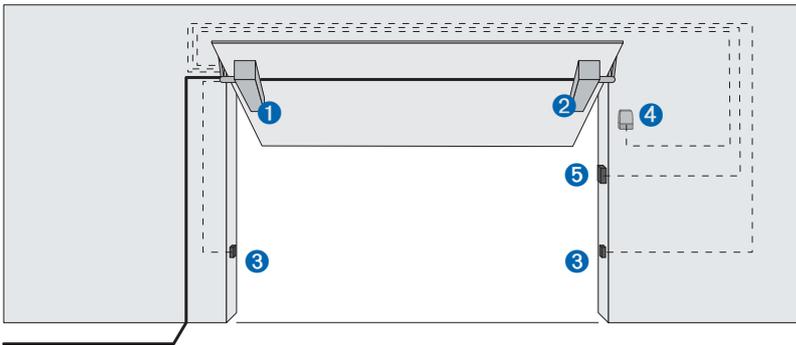
Technical info

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

Wiring



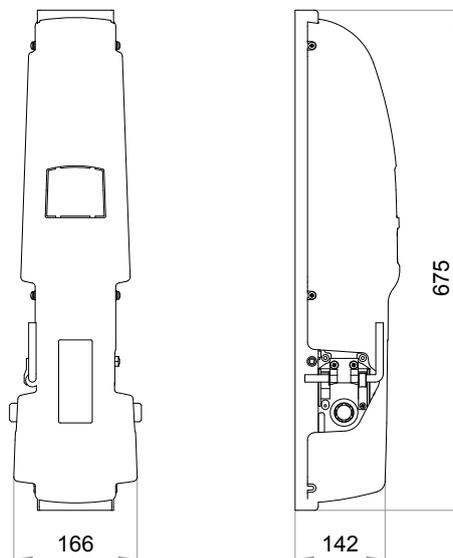
pos.	description
1	Operator
2	Photocells
3	Flashing light
4	Keyswitch / Digicode



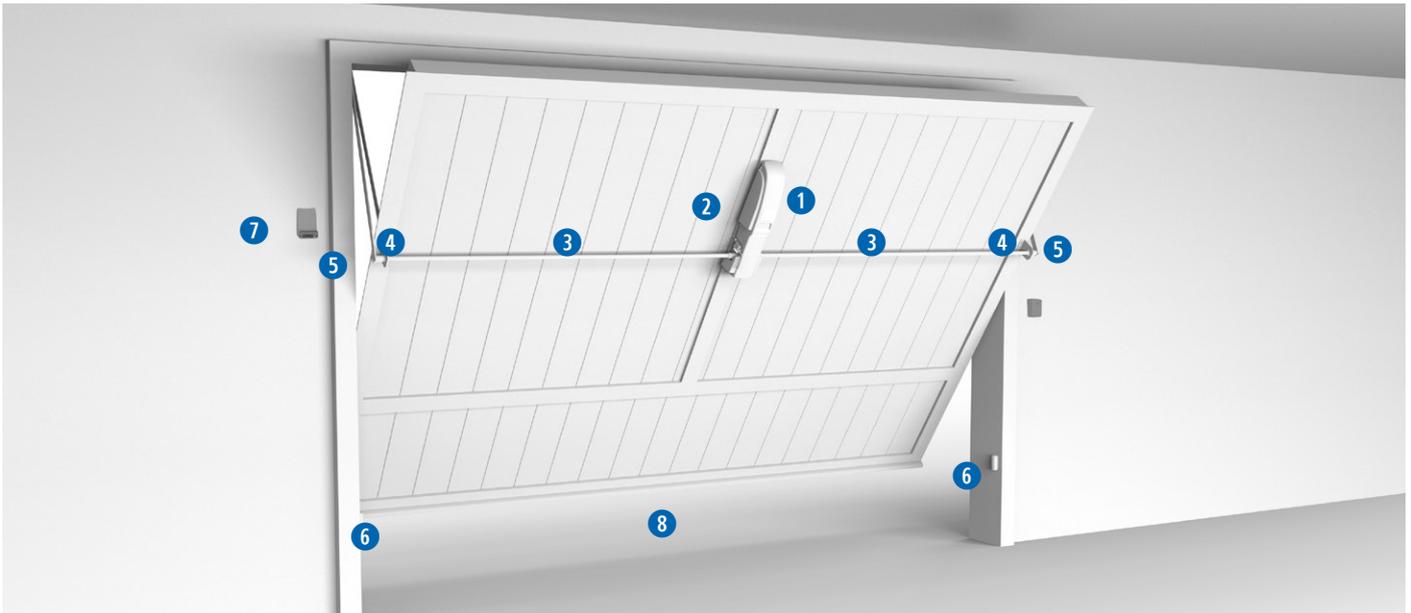
pos.	description
1	Operator with control board
2	Operator without control board
3	Photocells
4	Flashing light
5	Keyswitch / Digicode

- 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

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
Ø=30mm, L=2000mm
with bushing (for central mounting)

Order 2pcs

4  **COD. 639560**
Art. 955
Pipe support Ø=30,5mm

Order 2pcs

5  **COD. 639140**
Art. 950V
Telescopic straight arm to be screwed, right and left
Bushing Ø=40mm

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

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

COD. 672645
Art. GT14
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: 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

3

COD. 639140
Art. 950V
Telescopic straight arm to be screwed, right and left
Bushing Ø=40mm

Order 2pcs

COD. 380360
Art. 953C
Fixing plate L=675mm

4

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

5

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

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

6

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

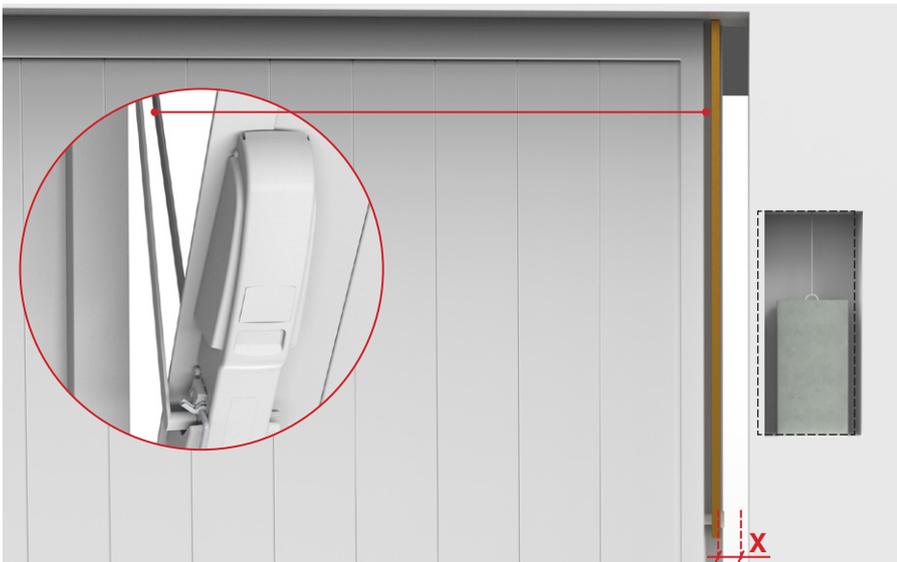
COD. 668010
Art. 127
Warning sign

Order 2pcs

COD. 639560
Art. 955
Pipe support Ø=30,5mm

Order 2pcs

COD. 639160
Art. 954V
Splined bushing L=300 mm (to be screwed)



X > 15mm

COD. 639040
Art. 950

COD. 639140
Art. 950V

X < 15mm

COD. 639151
Art. 951V SX

COD. 639150
Art. 951V DX

COD. 639050
Art. 951

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.

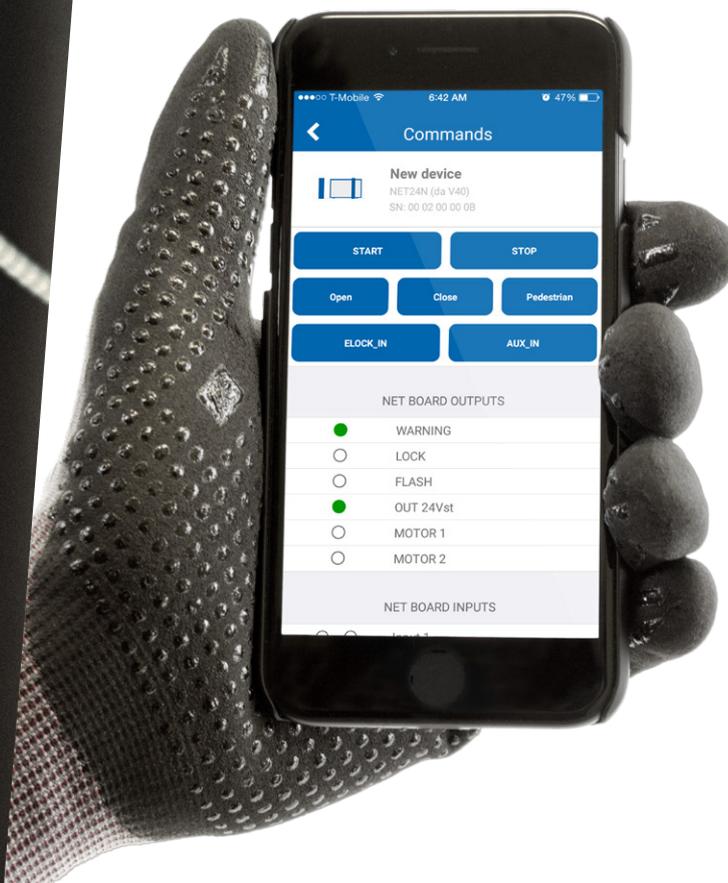
If you use it with the NET-NODE you can:

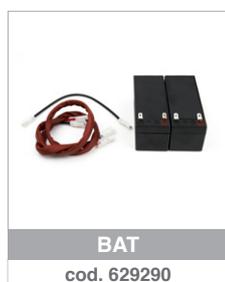
- ✓ keep a **data backup** of all installations
- ✓ easily adjust the **parameters** of control boards
- ✓ update the **firmware**
- ✓ program the **maintenance**
- ✓ manage or customise the **remotes**
- ✓ read **technical manuals** or have a look at the **electrical connections**
- ✓ control the **inputs**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

To be used with:



Art.NET-NODE 2.0
Cod.677642





#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**.

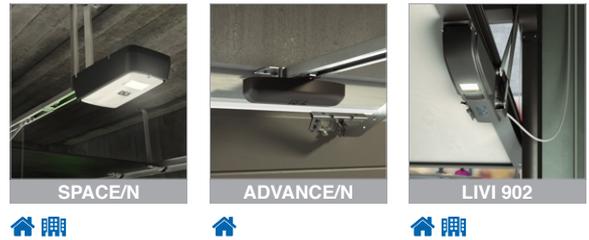


Our range

Automations for sliding gates



Automations for sectional doors



Automations for swing gates



Automations for industrial gates



Barriers



Bollards



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