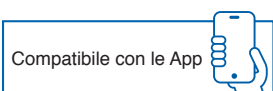




Automations for collective and industrial sliding gates



Safe and user friendly technologies











REV is a range of electromechanical operators designed for sliding or cantilever gates, perfect for those applications where an intensive use is requested.

- For **collective** and **industrial installations**
- Intended for **intensive usage**, robust and reliable
- Wide range of **irreversible** or **reversible** operators, **230V** or **400V** (automatic unlocking in case of power failure)
- Designed for sliding or cantilever gates **up to 1400 Kg**
- Slow-down **management in opening and closing** thanks to the **encoder** control of the operator (using a DE@NET control board)
- **Cage-mode management** and **traffic lights management** with **expansion board NET-EXPANSION** (optional and compatible only with DE@NET control boards)
- **Vandal-proof container** for the protection of the operator in locations at risk of tampering

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








COD.	Art.					OTHER CHARACTERISTICS
616000	REV220	1400 kg*		NET230N	✓	<ul style="list-style-type: none">• Self-locking with limit switches• Speed adjustment and slow down in opening and closing• Motor control by encoder and obstacle detection
616003	REV220/M	1400 kg*		NET230N	✓	<ul style="list-style-type: none">• Self-locking• Magnetic limit switches• Speed adjustment and slow down in opening and closing• Motor control by encoder and obstacle detection
616001	REV220/RF	1400 kg*		NET230N	✓	<ul style="list-style-type: none">• Not self-locking with brake in opening and closing• Limit switches• Oil bath• Speed adjustment and slow down in opening and closing• Motor control by encoder and obstacle detection
616004	REV220/RFM	1400 kg*		NET230N	✓	<ul style="list-style-type: none">• Not self-locking with brake in opening and closing• Magnetic limit switches• Oil bath• Speed adjustment and slow down in opening and closing• Motor control by encoder and obstacle detection

All models have (IB version excluded): control board and fixing plate to be cemented included

* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

24V ~ operators with control board and limit switches

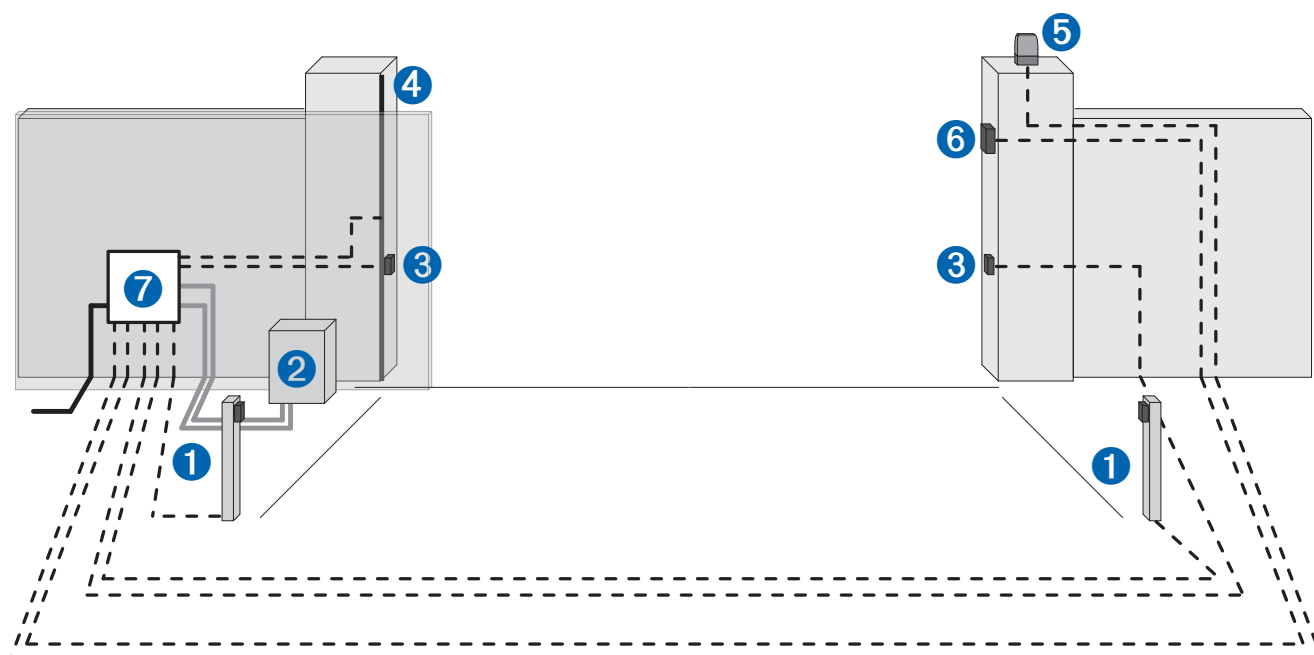


COD.	Art.				OTHER CHARACTERISTICS
616011	REV24/F	1400 kg*		NET24N	<ul style="list-style-type: none">• Self-locking with limit switches• Speed adjustment and slow down in opening and closing
616012	REV24/M	1400 kg*		NET24N	<ul style="list-style-type: none">• Self-locking• Magnetic limit switches• Speed adjustment and slow down in opening and closing

All models have (IB version excluded): control board and fixing plate to be cemented included

* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

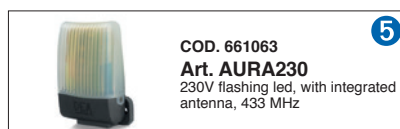
Example of installation and accessories



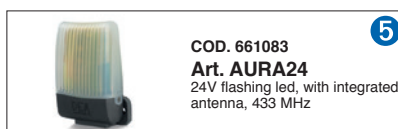
- Corrugated pipe for power supply cable
- Ø40 corrugated pipe for connection between the control board and the junction box
- - - Ø20 corrugated pipe or external PVC conduit for connection between the control board and the command and safety accessories

pos. description

1	Column with photocell
2	Operator
3	Photocells
4	Safety edge
5	Flashing light
6	Keyswitch / Digikey
7	Junction box



COD. 661063
Art. AURA230
230V flashing led, with integrated antenna, 433 MHz



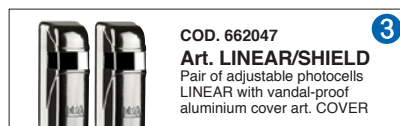
COD. 661083
Art. AURA24
24V flashing led, with integrated antenna, 433 MHz



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



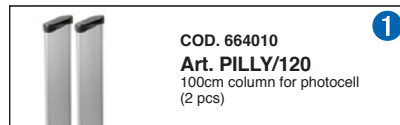
COD. 662044
Art. LINEAR
Pair of adjustable photocells (180°) with possibility of synchronized operating. Range 20m



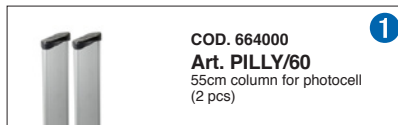
COD. 662047
Art. LINEAR/SHIELD
Pair of adjustable photocells LINEAR with vandal-proof aluminium cover art. COVER



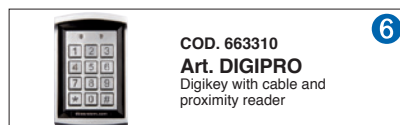
COD. 681060
Art. COVER
Vandal-proof aluminium cover for LINEAR and LINEAR/B photocells (2 pcs)



COD. 664010
Art. PILLY/120
100cm column for photocell (2 pcs)



COD. 664000
Art. PILLY/60
55cm column for photocell (2 pcs)



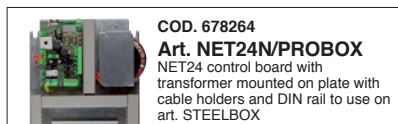
COD. 663310
Art. DIGIPRO
Digikey with cable and proximity reader



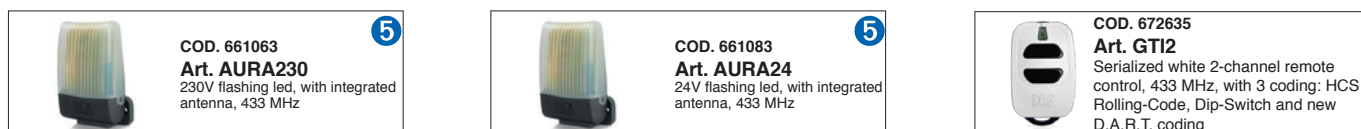
COD. 663280
Art. DIGIRAD
Wireless keypad



COD. 673001
Art. CARDPROX
Proximity card with transponder, blank



COD. 678264
Art. NET24N/PROBOX
NET24 control board with transformer mounted on plate with cable holders and DIN rail to use on art. STEELBOX



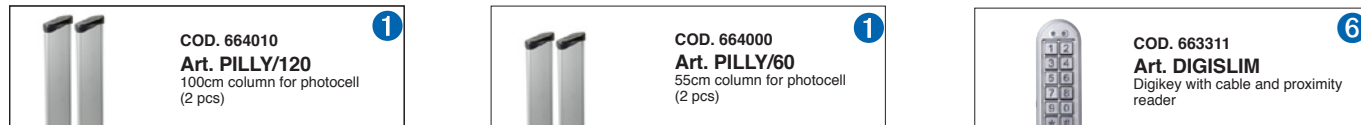
COD. 672635
Art. GTI2
Serialized white 2-channel remote control, 433 MHz, with 3 coding: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding



COD. 662043
Art. LINEAR/B
Pair of adjustable photocells (180°) with tx supplied by a LiOn battery. Range 7/15m



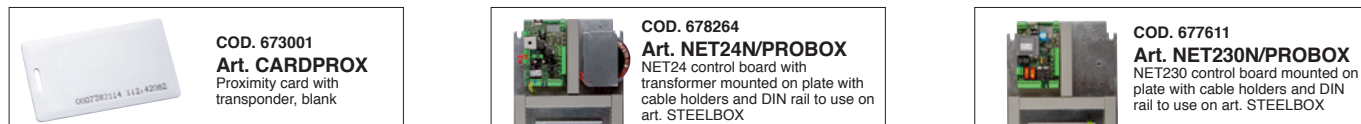
COD. 664020
Art. PILLY/BASE
Support to be cemented for column



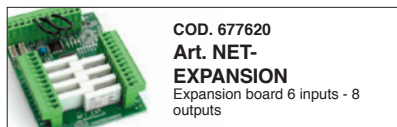
COD. 663311
Art. DIGISLIM
Digikey with cable and proximity reader



COD. 673011
Art. COINPROX
Proximity token with transponder



COD. 677611
Art. NET230N/PROBOX
NET230 control board mounted on plate with cable holders and DIN rail to use on art. STEELBOX



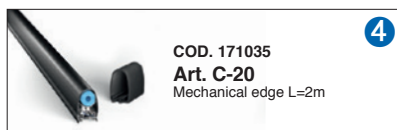
COD. 677620
Art. NET-EXPANSION
Expansion board 6 inputs - 8 outputs



COD. 679210
Art. STEELBOX
Painted steel box with key lock (300 x h400 x 200 mm)



COD. 171044
Art. CC-20
Conductive safety edge 8.2 KΩ L=2m



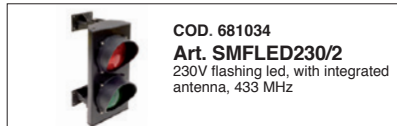
COD. 171035
Art. C-20
Mechanical edge L=2m



COD. 171039
Art. CR-20
Resistive edge L=2m in compliance with EN12978



COD. 667053
Art. Soft3
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)



COD. 681034
Art. SMFLED230/2
230V flashing led, with integrated antenna, 433 MHz



COD. 672920
Art. D-BAND KIT
Wireless transmitter and receiver kit in 868 MHz, for resistive or mechanical safety edges



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

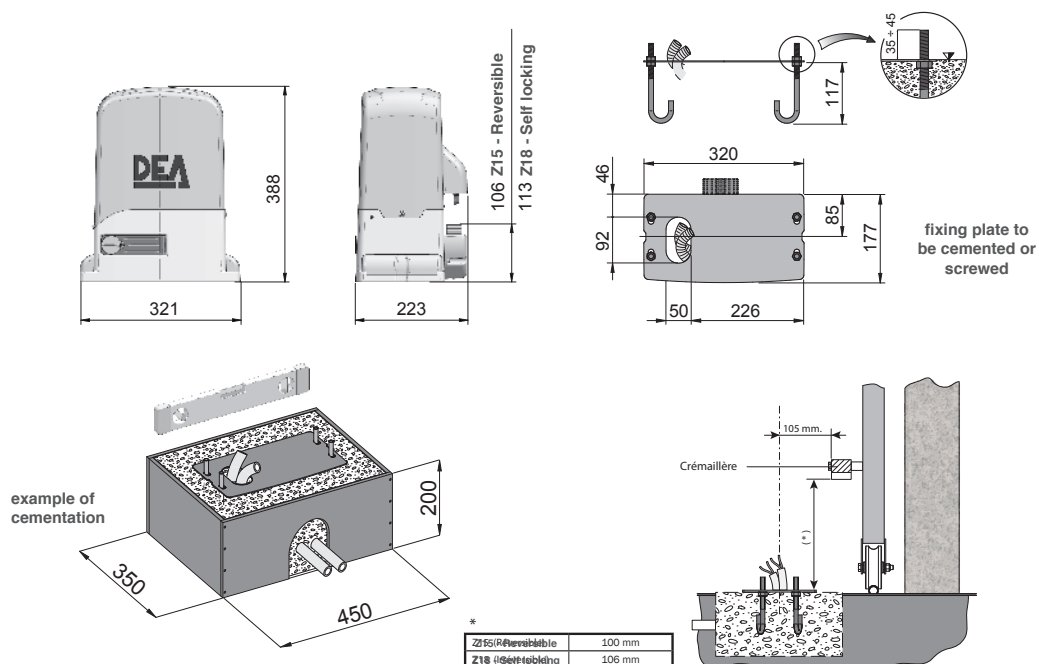


COD. 619090
Art. Pinion Z22*
Oversized pinion Z=22 for REV

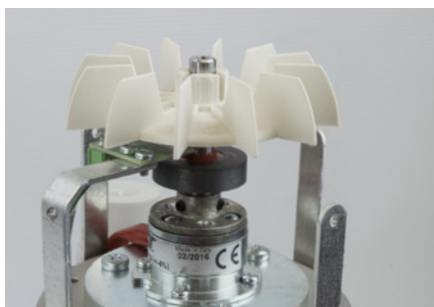
* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

Technical info and dimensions

TECHNICAL INFO	REV220 - REV220/M REV220/IB	REV220/RF - REV220/RFM REV220/RF/IB	REV24/F - REV24/M REV24/IB
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V ~
Maximum power absorption (W)	500		250
Max thrust (N)	900	1200	450
Duty cycle (cycles/hours) for an 8m leaf length	27 for gates up to 1000kg 22 for gates up to 1400kg		36 for gates up to 1000kg 31 for gates up to 1400kg
N. max. cycles in 24h. for an 8m leaf length	270 for gates up to 1000kg 220 for gates up to 1400kg		300 for gates up to 1000kg 250 for gates up to 1400kg
Built-in capacitor (µF)	14	12,5	\
Operating temperature (°C)	-20 ÷ 50		
Motor thermal protection (°C)	150		\
Speed (m/min)	10		12
Standard pinion	Z18	Z15	Z18
Weight with packing (Kg)	18		
Sound pressure (dBA)	< 70		
Protection level	IPX4 (IP44 with magnetic limit switches)		



Features



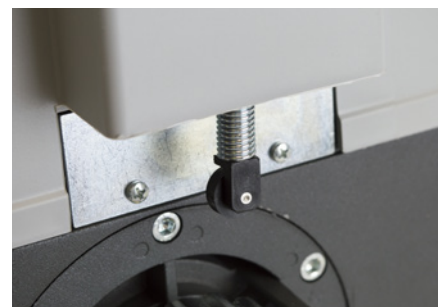
With **magnetic encoder**, for a smooth acceleration and **constant torque** during slow down.

Motor with **forced ventilation** for intensive use.

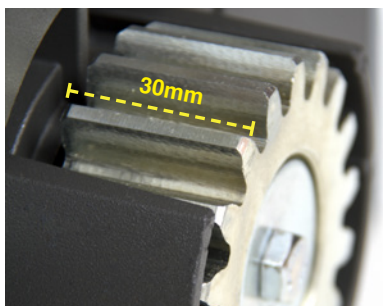
Also available **reversible with electro-brake** system that allows the automatic unlocking in case of power failure (art. REV220/RF e REV220/RFM).



Magnetic limit switches for special installations (art. REV220/M, REV220RF/M o REV24/M).



Vertical electromechanical limit switch with protection (art. REV220, REV220RF o REV24).

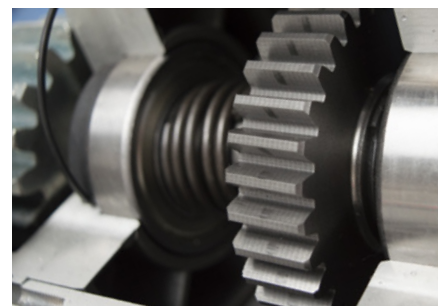


Pinion thickness of 30mm, to ensure good coupling with the rack even if the door is deformed.



Frontal control board for easier wiring and programming.

Also available with **external control board** (optional).



Gear operator with **steel worm-screw** and **bronze crown**, lubricated with **low-viscosity grease** that ensures long life and reduced wearing.

Reversible models lubricated with oil bath (art. REV220/RF e REV220/RFM).



Adjustable in height fixing plate to be cemented or screwed.



Unlocking device with personalized key.

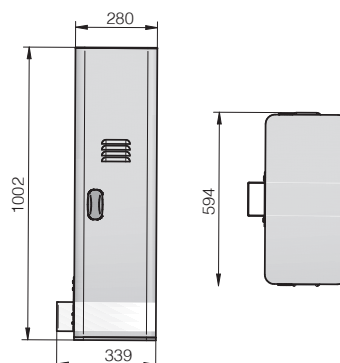


External unlocking device with cable.

IRONBOX

Painted steel vandal-proof box for GULLIVER or REV with magnetic limit switches and foundation plate.

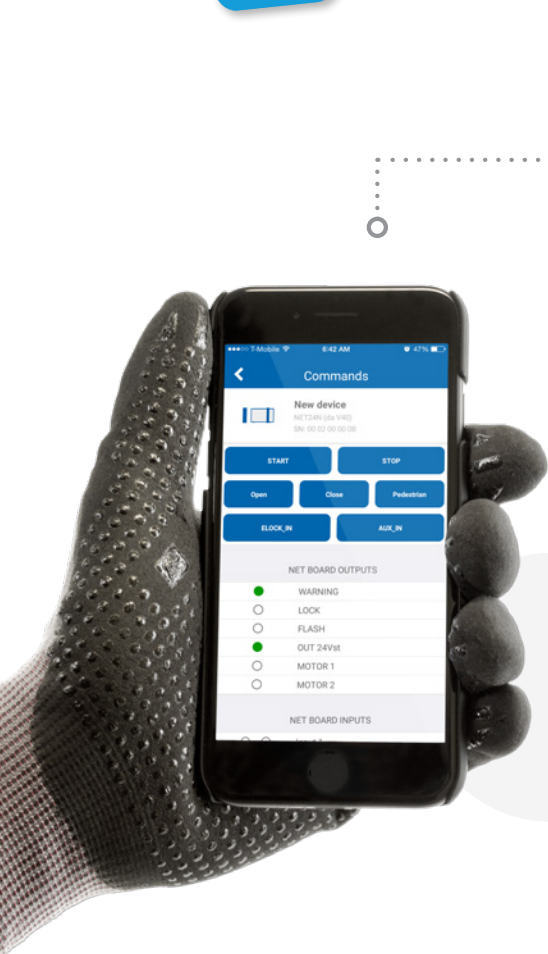
- Robust 2 mm thick painted steel frame
- Anti-rust treatment and RAL 9006 hammered finish coating
- Galvanized fixing plate, thickness 10mm
- Lock with personalized key
- Wide space for fixing control board and safety or command accessories
- **Must be used with art. REV220/IB, art. REV220RF/IB o sart. REV24/IB and their respective control panels**



COD. 619080 WEIGHT: 44Kg



DEAinstaller



NET-NODE
cod. 677640



DEAinstaller is an application dedicated to **the professional installer**.

It allows you to **program** and **manage** an automation in a simple and intuitive way through the use of a smartphone, by simply connecting **NET-NODE** to the device.

The application allows you to quickly and accurately adjust the operating parameters thanks to a friendly interface.

With the software updates of the control board you will always have all the new features and you will create a back-up of your installations data.

Replacing the control board and restoring the radio transmitters of your installations will be even simpler.

DEAinstaller App is available on:

