

# MAC/STING

Electromechanical automations for swing gates



MAC



STING

## 230V AC operators without control board

### MAC unlocking device with standard key

COD.	Art.			OTHER CHARACTERISTICS MAC
625010	<b>MAC</b>	•		Stroke 334 mm, for leaves up to 3m lenght
625020	<b>MAC/EN</b>	•	•	Encoder, stroke 334mm, for leaves up to 3m lenght

### STING unlocking device with personalized key

COD.	Art.			OTHER CHARACTERISTICS STING
625050	<b>STING</b>	•		Stroke 334 mm, for leaves up to 3m lenght
625052	<b>STING/EN</b>	•	•	Encoder, stroke 334mm, for leaves up to 3m lenght

**For MAC:** fixing plates to be welded included

**For STING:** adjustable fixing plates to be screwed included (art. MAC/SFR)

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

## 24V DC operators without control board

### MAC unlocking device with standard key

COD.	Art.		OTHER CHARACTERISTICS
625043	<b>MAC/24/E</b>	•	Stroke 334mm, for leaves up to 1,8m lenght
625040	<b>MAC/24</b>	• •	Stroke 334 mm, for leaves up to 3m lenght

### STING unlocking device with personalized key

COD.	Art.		OTHER CHARACTERISTICS
625051	<b>STING/24</b>	• •	Stroke 334 mm, for leaves up to 3m lenght

**For MAC:** fixing plates to be welded included

**For STING:** adjustable fixing plates to be screwed included (art. MAC/SFR)

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

TECHNICAL INFO	MAC/STING	MAC/EN STING/EN	MAC/24 STING/24	MAC/24/E
Motor power supply (V)	230V AC $\pm$ 10 % (50/60 Hz)	230V AC $\pm$ 10 % (50/60 Hz)	24V DC	24V DC
Maximum power absorption (W)	300	300	60	50
Max thrust (N)	1650	1650	1000	500
Duty cycle (cycles/hours)	18	22	40	10
N. max cycles in 24h.	90	90	90	45
Built-in capacitor ( $\mu$ F)	8	8	/	/
Operating temperature ( $^{\circ}$ C)	-20 $\div$ 50	-20 $\div$ 50	-20 $\div$ 50	-20 $\div$ 50
Motor thermal protection ( $^{\circ}$ C)	150	150	/	/
90 $^{\circ}$ Opening time (s)	16	16	16	11,5
Weight with packing (Kg)	8,8	8,8	8,8	8,8
Protection level	IP24	IP24	IP24	IP24

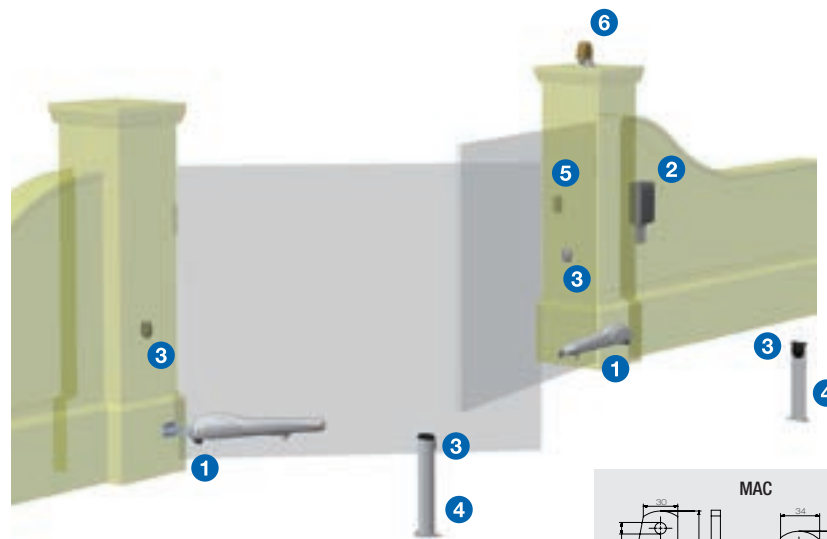


SWING GATES

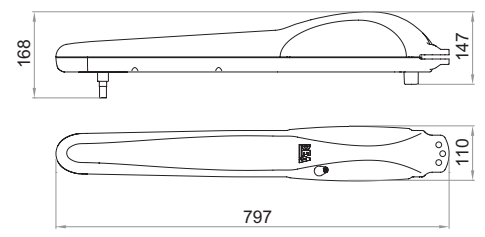
STING

Rear articulated joint art. SB (optional)

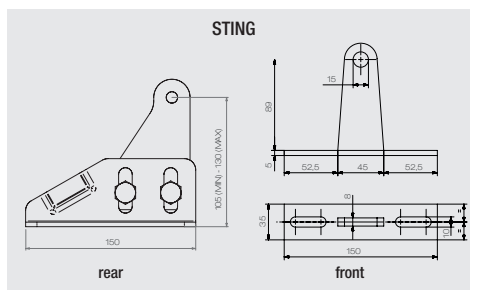
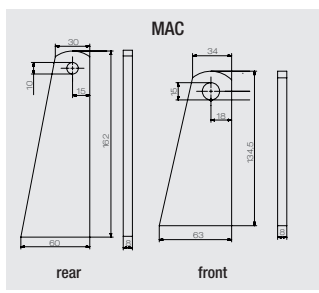
EXAMPLE OF A TYPICAL INSTALLATION





DIMENSIONS





FIXING PLATES




**1**  Cod. 625020  
**Art. MAC/EN**  
Electromechanical automations for swing gates

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


**3**  Cod. 662030  
**Art. 104LUX**  
Pair of adjustable (15°) surface mounted photocells

**4**  Cod. 664000  
**Art. PILLY/60**  
Pair of aluminium columns for photocells, height 55 cm

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

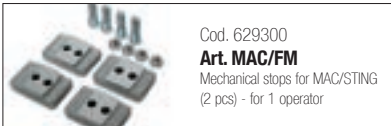
**6**  Cod. 663030  
**Art. 102LUX**  
Keyswitch with two contacts, surface mounted. Supplied with 2 keys.

**6**  Cod. 661062  
**Art. LED230AI**  
Led flashing light 230V with built-in antenna 433MHz

**6**  Cod. 672580  
**Art. TR2**  
2 channels remote control  
Black version art. TR2N also available (page 132)

**6**  Cod. 668010  
**Art. 127**  
Warning sign

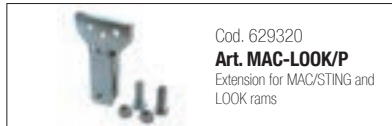
## SPECIFIC ACCESSORIES



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



Cod. 629250  
**Art. COL 515**  
Anti-falling stainless steel cable  
with 2 holes for swing doors



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



Cod. 629381  
**Art. SB**  
Rear articulated joint for MAC/  
STING and LOOK

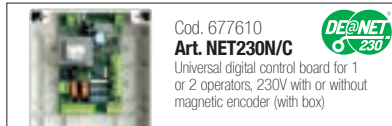


Cod. 629310  
**Art. MAC/SFR**  
Adjustable brackets for MAC  
(already included on STING)

## OTHER ACCESSORIES



Cod. 678261  
**Art. NET24N/C**  
Universal digital control board for 1 or 2 operators,  
24V with or without magnetic encoder (with box)



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



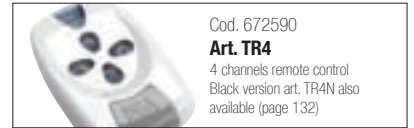
Cod. 661062  
**Art. LED230AI**  
Led flashing light 230V with built-  
in antenna 433MHz



Cod. 672580  
**Art. TR2**  
2 channels remote control  
Black version art. TR2N also  
available (page 132)



Cod. 661082  
**Art. LED24AI**  
Led flashing light 24V with  
built-in antenna 433MHz



Cod. 672590  
**Art. TR4**  
4 channels remote control  
Black version art. TR4N also  
available (page 132)



Cod. 662020  
**Art. 104MINILUX**  
Pair of surface mounted photocells.



Cod. 662030  
**Art. 104LUX**  
Pair of adjustable (15°) surface  
mounted photocells



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



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



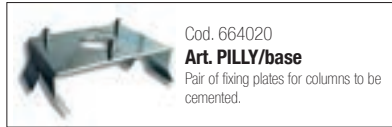
Cod. 681060  
**Art. COVER**  
Vandal-proof aluminium cover for art.  
LINEAR and LINEAR/B



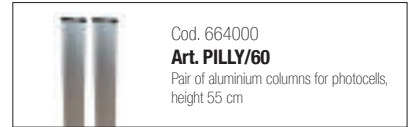
Cod. 663060  
**Art. KYO**  
Aluminium vandal-proof  
keyswitch, surface mounted.



Cod. 663280  
**Art. DIGIRAD**  
Wireless keypad



Cod. 664020  
**Art. PILLY/base**  
Pair of fixing plates for columns to be  
cemented.



Cod. 664000  
**Art. PILLY/60**  
Pair of aluminium columns for photocells,  
height 55 cm



Cod. 664010  
**Art. PILLY/120**  
Pair of aluminium columns for photocells,  
height 100cm



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



Cod. 681053  
**Art. Green Energy/N**  
Solar power kit. Solar panel not  
included (pag. 130)



Cod. 136024  
**Art. 1100**  
Horizontal electric lock  
complete with double cylinder  
and horizontal servage



Cod. 136006  
**Art. 110V**  
Empty electric lock (without  
European cylinder) with ground  
servage



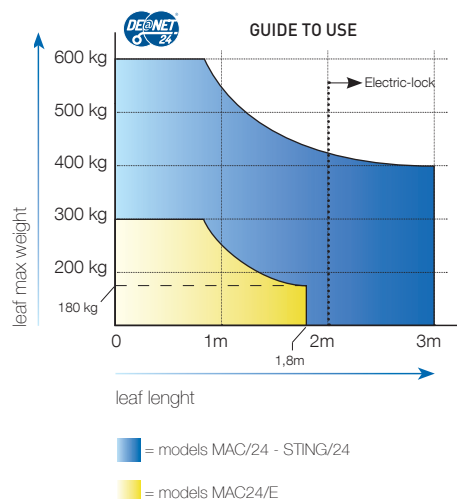
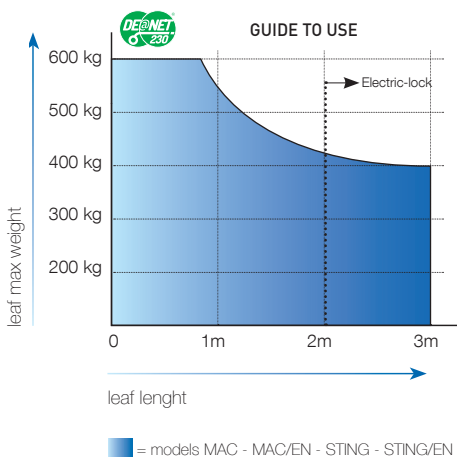
Cod. 136005  
**Art. D**  
Double European cylinder



Cod. 136004  
**Art. M**  
Half European cylinder



Cod. 679140  
**Art. 100GG**  
Large ABS box, suitable to include  
any other DEA boxes, to grant a better  
protection and isolation (IP55)



If the leaf length is bigger than 2 meters 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.