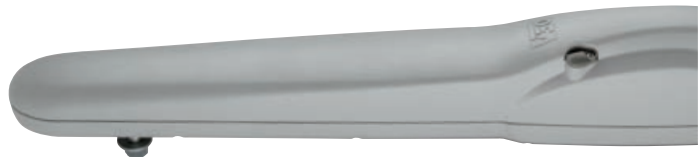


MAC

Electromechanical automations for swing gates



NET230N 230V a.c. operators without control board

COD.	Art.			OTHER CHARACTERISTICS
625010	MAC	•		Stroke 334 mm., for leaves up to 3 mt. long
625020	MAC/EN	•	•	Encoder, stroke 334 mm., for leaves up to 3 mt. long
625030	MAC/R	•		Stroke 334 mm., for leaves up to 2,5 mt. long, not self locking

All models have: fixing plates to be welded included.

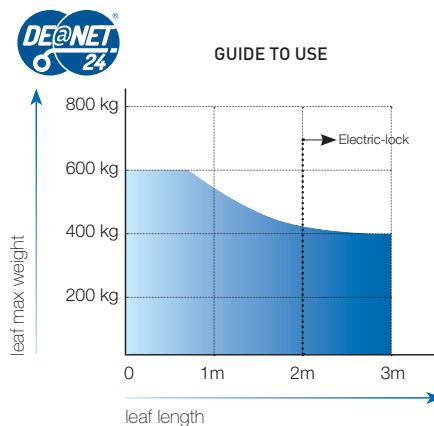
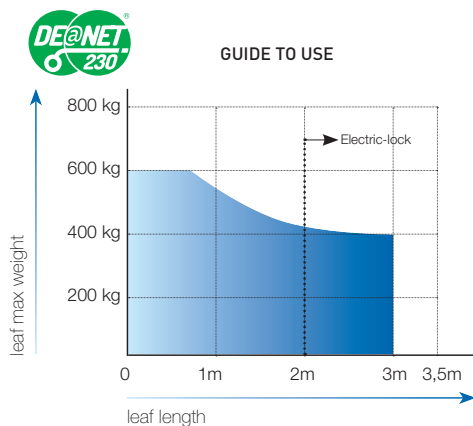
Control board to complete the installation: control board cod. 677610 art. NET230N/C (with box)

NET24N 24V d.c. operators without control board

COD.	Art.			OTHER CHARACTERISTICS
625040	MAC/24	••		Stroke 334 mm., for leaves up to 3 mt. long
625042	MAC24/EN	••	•	Encoder, stroke 334 mm., for leaves up to 3 mt. long

All models have: fixing plates to be welded included.

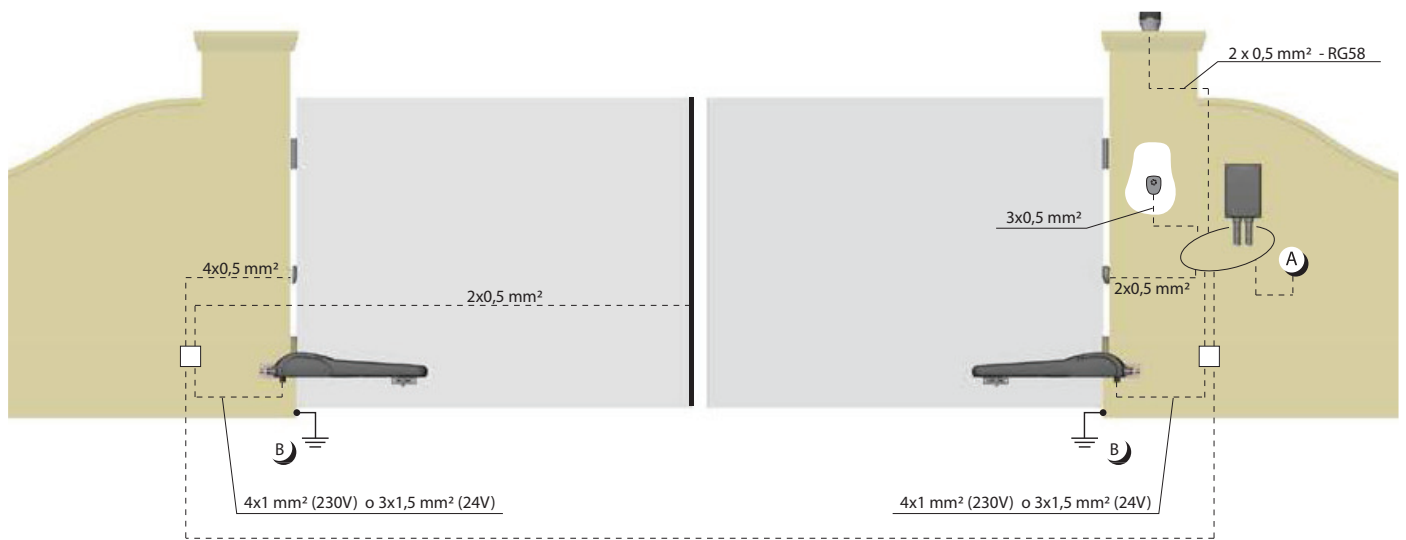
Control board to complete the installation: control board cod. 678261 art. NET24/C (with box)



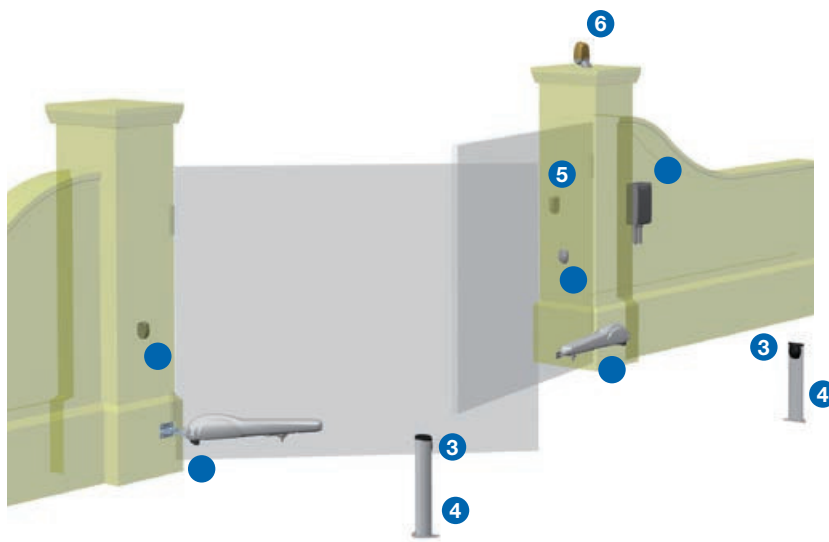
If the leaf length is bigger than 2 meters or if you use reversible models you must install the electric-lock to block the gate in closed position

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.

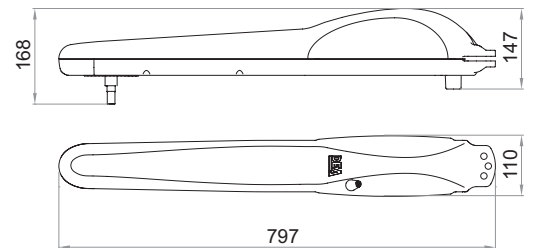
TECHNICAL INFO	MAC	MAC/EN	MAC/R	MAC/24 MAC24/EN
Motor power supply (V)	230 AC ± 10 % (50/60 Hz)	230 AC ± 10 % (50/60 Hz)	230 AC ± 10 % (50/60 Hz)	24 DC
Maximum power absorption (W)	300	300	300	60
Max thrust (N)	1650	1650	1200	1000
Duty cycle (cycles/hours)	18	22	18	40
N. max cycles in 24h.	90	90	90	90
Built-in capacitor (µF)	8	8	10	/
Operating temperature (°C)	-20 ÷ 50	-20 ÷ 50	-20 ÷ 50	-20 ÷ 50
Motor thermal protection (°C)	150	150	150	/
90° Opening time (s)	16	16	16	16
Weight with packing (Kg)	8,8	8,8	8,8	8,8
Protection degree	IP24	IP24	IP24	IP24












EXAMPLE OF A TYPICAL INSTALLATION



DIMENSIONS



<p>1</p>  <p>Cod. 625020 Art. MAC/EN Electromechanical operator for swing gates</p>	<p>2</p>  <p>Cod. 677610 Art. NET230N/C Universal digital control board for 1 or 2 operators, 230V, with or without magnetic encoder (with box)</p>	<p>3</p>  <p>Cod. 662030 Art. 104LUX Pair of adjustable (15°) surface mounted photocells</p>
<p>4</p>  <p>Cod. 664000 Art. PILLY/60 Pair of aluminium columns for photocells, height 55 cm.</p>	<p>5</p>  <p>Cod. 629300 Art. MAC/FM Mechanical stops for MAC (2 pcs.)</p>	<p>5</p>  <p>Cod. 663030 Art. 102LUX Keyswitch with two contacts, flush mounted. Supplied with 2 keys.</p>
<p>6</p>  <p>Cod. 661062 Art. LED230AI Led flashing light 230V with built-in antenna 433Mhz</p>	<p>6</p>  <p>Cod. 672580 Art. TR2 Remote control Black version art. TR2N also available (page 118)</p>	<p>6</p>  <p>Cod. 668010 Art. 127 Warning sign</p>

SPECIFIC ACCESSORIES



Cod. 629300
Art. MAC/FM
Mechanical stops for MAC (2 pcs.)



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

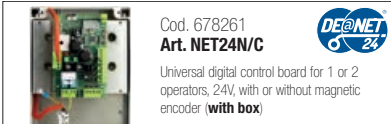


Cod. 629310
Art. MAC/SFR
Adjustable brackets for MAC

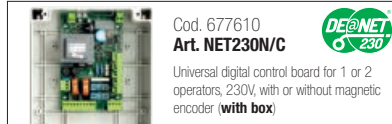


Cod. 629250
Art. COL 515
Anti-falling stainless steel cable with 2 holes for swing doors

OTHER ACCESSORIES



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



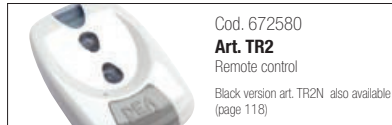
Cod. 677610
Art. NET230N/C
Universal digital control board for 1 or 2 operators, 230V, with or without magnetic encoder (with box)



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



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



Cod. 672580
Art. TR2
Remote control
Black version art. TR2N also available (page 118)



Cod. 672590
Art. TR4
Remote control
Black version art. TR4N also available (page 118)



Cod. 662020
Art. 104MINILUX
Pair of surface mounted photocells, Range 20 mt



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 20 Mt



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



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



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



Cod. 663280
Art. DIGIRAD
Wireless keypad



Cod. 663270
Art. DIGINET
Hardwired keypad for BUS connections to MASTER devices of range DE@NET (NET24N, NET230N, MASTERNET)



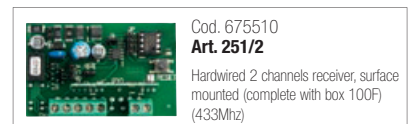
Cod. 664020
Art. PILLY/base
Pair of fixing plates for columns to be cemented.



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 100 cm.



Cod. 675510
Art. 251/2
Hardwired 2 channels receiver, surface mounted (complete with box 100F) (433Mhz)



Cod. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,3Ah, complete with wiring cables



Cod. 681050
Art. Green Energy
Solar power kit complete with art. CHARGER



Cod. 136024
Art. 1100
Horizontal electric lock complete with double cylinder and horizontal selvaige art. 109A



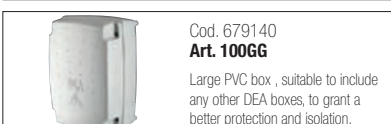
Cod. 136006
Art. 110V
Empty electric lock (without European cylinder) with ground selvaige art. 109



Cod. 136005
Art. D
Double European cylinder



Cod. 136004
Art. M
Half European cylinder



Cod. 679140
Art. 100GG
Large PVC box, suitable to include any other DEA boxes, to grant a better protection and isolation.