



SEA[®]
electronic opening system

Surf 230-300

Electromechanical swing gate operator
irreversible, strong, safe and easy to install



Systems for
swing gates



- Electromechanical reduction gear for residential use for leaf lengths up to max 3 m
- Realized out of an aluminium pressure die - cast shell with polyester painting for outside
- Mechanical and electronic limit switches integrated. Outside release by cable
- Available with both , 230V or 24V low voltage, power supply
- convenient terminal blok placed in a separate compartment
- Smaller width of the operator for installation also in reduced spaces
- Adjustable back fixation with holes
- Possibility to add KIT SUNNY for model Surf 300 24V

Surf

TECHNICAL SPECIFICATIONS

Specifications	Surf 230V	Surf 230 24V
Power supply	230Vac±5% 50/60 Hz	
Motor power	230W	24 V
Shaft Stroke	400 mm	400 mm
Cycles/hour	30/60	
Oper. temperature	from -22 °C to + 55 °C	
Weight	6,5 kg	7 kg
Weight	2,3 m	3,0 m
Opening degrees	120 °	120 °
Protection class	IP 44	
Starting capacitor	6,3 µF	8 µF
Max thrust	300 daN	40-250 daN(adjustable)

Release with key
(serial on PLUS
version -
optional on the
basic version)



Mechanical
and electronic
limit switches
integrated

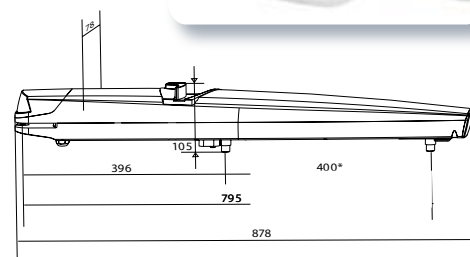


Swing 2

- Management of two 230 Vac motors without limit switch
- Automatic, semiautomatic, automatic of security, semiautomatic of security
- Adjustable slow down in opening and closing
- Motor torque adjustment
- Self-learning working times
- Auto-test on photocell
- Auto-diagnostic
- Electric lock management
- Encoder administration (also Safety GATE for swing gates)
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitters SMART, HEAD, COCCINELLA and SMART ECOPY (800 users) series with optional RF radio frequency module (RF)
- Encoder sensibility adjustment (Safety GATE)
- Pedestrian opening
- Photocells administration in opening and closing
- Stop administration
- Programming trough PALM
- Connector for photocells WALL and SUNSET
- Push over and reverse stroke
- 230V warning lamp on bord with pre-flashing

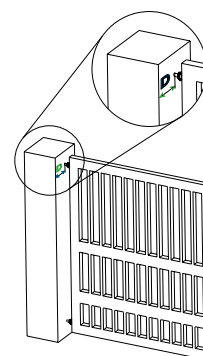
User 2 24 V

- Administration of two 24V motors
- Adjustable slow down in opening and closing
- Motor speed adjustment
- Pedestrian opening
- 24V warning lamp on bord
- Electric lock administration
- Emergency battery administration and solar panel
- Working time self-learning
- Incorporated radio decoding compat. with radio transmitter SMART, HEAD, COCCINELLA series and SMART E-COPY (800 users) with optional radio frequency module (RF)
- Ammeter funcion to reveal obstacles
- Simplified programming with push buttons
- Leaf delay adjustment
- Functioning motors' speed
- Bus accessories management(photocells and lamp)
- Limit switch management
- Self-diagnostic
- Additional adjustable with PALM USER device
- Management security edge
- Pause management



• Mechanical
and
electronic
limit
switches
integrated

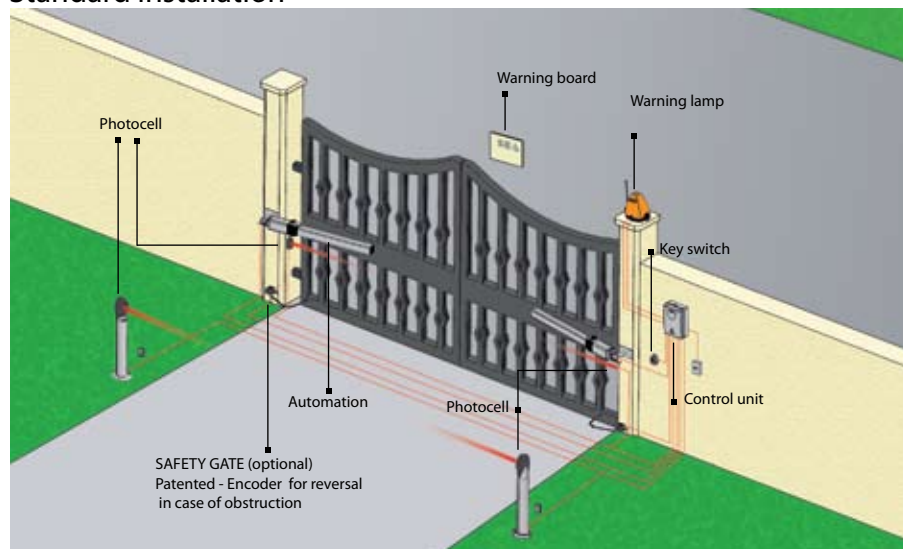
Dimensions (mm)



Dimensions between pivot of
the gate and fixation wall

Model	Stroke	D max	D max recommended
Surf	400 mm	160 mm	100 mm

Standard installation



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