

# SIROCCO



## SIMPLE AND COMPLETE

- SIROCCO is an electro-mechanical operator enabling easy, complete installation. It has both opening and closing mechanical stops, and low voltage (24V) electrical limit-switches.
- The mechanical stop at opening and closing (standard part) makes installation possible without on-ground stop clearances.
- Power cable for outdoor mobile installation; supplied standard and easy to maintain.
- As the power cables exit horizontally, Sirocco can be installed on the gate, even very close to the ground.
- The release system with lock is entirely protected enabling the leaf to be moved by hand, in case of a power cut.

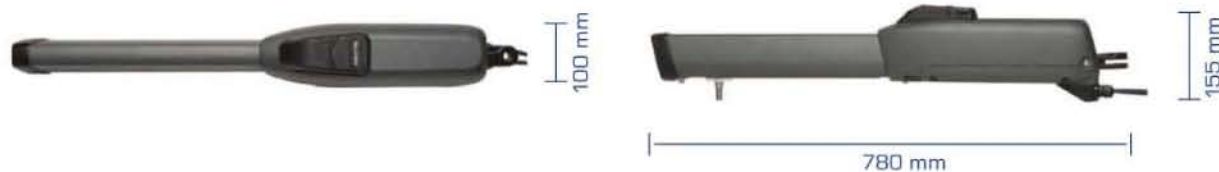
## RELIABILITY AND LONG-LIFE: THAT'S FOR SURE

- The aluminium body with a double coat of paint, ensures longer life.
- All components at risk by exposure to atmospheric agents, are in stainless steel.
- The LS models, with low voltage (24V) electrical limit-switches both for opening and closing, and with separate inputs, can have different functions: just stop or starting of slowdown, becoming a strong safety for the end-user.

## FIELD OF APPLICATION

- A complete range of models satisfies a multiplicity of applications for leaves up to 2.5 m.
- The floating bracket in aluminium facilitates positioning the motor, compensating for any structural faults of the gate.
- 24V models for intensive use: it is important to increase the frequency of manoeuvres at times of heavy use.

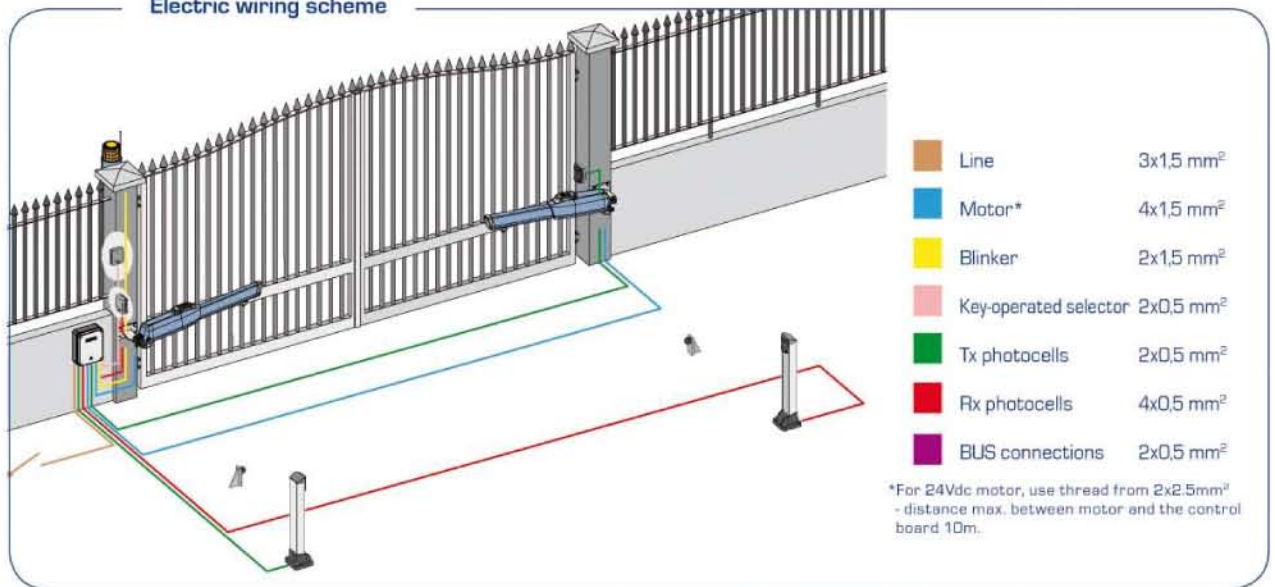
## DIMENSIONS



Power supply 24V recommended for an intensive use.

Model	Version
Sirocco 2524	Non-reversible, 24Vdc
Sirocco 2524 LS	Non-reversible, 24Vdc, opening and closing limit-switches
Sirocco 250	Non-reversible
Sirocco 250 LS	Non-reversible, opening and closing limit-switches

## Electric wiring scheme



## CONTROL BOARDS



BRAIN 574 (Page 109)  
BRAIN 592 (Page 109)  
BRAIN 03 (Page 113)  
BRAIN 13 (Page 114)

## ACCESSORIES



### PLATE

KIT of 6 fixing plates to screw with a slot, for welding a standard bracket.



### TIME CODER

THE TIME CODER is a PATENTED accessory which, when combined with the BRAIN 592 or BRAIN 03 control board, manages the obstacle detection function, also enabling electronic slow-down at opening and closing. Gate real time position reading. (IP66)

Technical specifications	250	250LS	2524	2524LS
Power supply (Vac)		230		24
Power (W)		250		70
Current (A)		1,1		3
Heat protection (°C)		140		-
Capacitor (µF)		6,3		-
Thrust (daN)		200		250
Travel (mm)	300 (350 mm without mechanical stops)		300 (350 mm without mechanical stops)	
Rod exit speed (cm/sec)		1,6		1,6
Max. leaf length (m)		2,5*		2,5*
Type and frequency of use at 20° C	S3 - 30%	S3 - 35%		100%
Indicative hour cycles at 20° C		≥30		≥100
Operating ambient temperature		-20°C +55°C		-20°C +55°C
Operator weight (Kg)		6,5		6,5
Protection class		IP54		IP54

\* Over 1,80 m, an electric lock is essential to ensure leaf blocking.