



DIGIGATE KIT SL230AC8CD

Sliding gate operator

The SL230AC8CD kit for sliding gates, allows to the automation of a sliding gate with a weight up to 800 Kg for non-intensive use.

The kit includes the sliding gate operator with on board controller which controls all the peripherals.

All DIGIGATE solutions are controlled by a common microprocessor based controller, and work according to the same operating logic.

The operating functions available make this product the right solution for almost any application. The «intelligent logic» of the controller matches all requirements of the application. Very innovative, the motor employs a soft start-stop system with current sense. The set-up is very easy thanks to the dip-switch settings and the self-learning procedure.

The appliance is equipped with intrinsic safety, which self-adjusts the torque according to the absorbed current. If an obstacle is detected during travel, it stops, moves the gate back to release the obstacle and will wait for a command, or will reverse the motion.

Gate movement is adjusted with soft start and stop, near the open and close travel limits. The gate open time is adjustable with a trimmer (up to 200 sec).

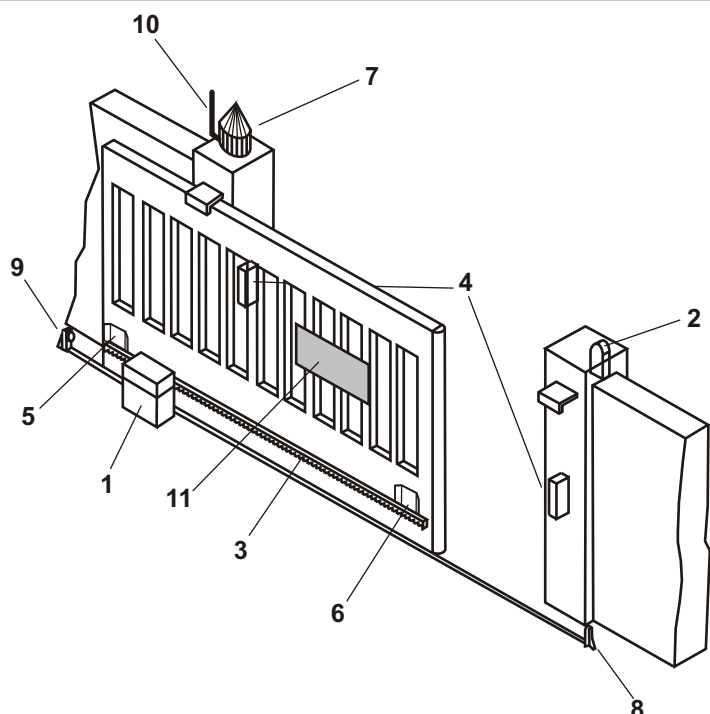
4 operating modes are available:

- / direct control mode,
- / semi-automatic (2 separate cycles for open and close),
- / automatic with travel direction reverse at each command,
- / automatic with stop at each command.

All peripheral devices are managed by the controller, each one according to its logic function.

TYPICAL INSTALLATION

- 1 Gearmotor
- 2 Key selector
- 3 Rack
- 4 Main infrared photocells (re-opening)
- 5 Closing limit slide
- 6 Opening limit slide
- 7 Warning light
- 8 Close run-stopper
- 9 Open run-stopper
- 10 RF antenna
- 11 Warning board



LIST OF CONTENTS



1 x SLIDING GATE OPERATOR (P/N: GMSA22)

The motoreducer GMSA22 is constructed by two solid die-cast aluminium blocks which house the electric motor and by an ABS lid for the electronic equipment.

The electronic controller on board can control the different gate functions, adjusting the anti-crushing coupling, and managing all the safety devices.

It is lubricated with grease and is not equipped with mechanical clutch.

The main electronic controller includes an embedded RF receiver AM operating at 433,92 MHz. An internal push-button is available for the management of the remote controls (add and delete etc)



1 x SET OF INFRARED PHOTOCELLS (P/N: SEFM2405)

Install the photocells within the kit according to the instructions included in their packaging to protect the gate operating area during closing. The range of the beam is greater than the total length of the gates.

Interruption of the beam during closing, causes the gates to stop and reverse the motion.

NOTE : The electronic controller performs an automatic test of the photocells at the start of every cycle. In case of test failure, it disables the automatic cycle of the gates.



1 x REMOTE CONTROL (P/N: S2TR2641E2)

Erone 024A - 2 channel remote control 433 AM, compatible with the RF receiver module



1 x REMOTE CONTROL (P/N: S5TR2641E2)

Erone 054A - 2 channel flat remote control 433 AM , compatible with the RF receiver module



1 x WARNING LIGHT (P/N: GAL1)

Yellow flashing warning light. Once connected to the electronic controller, it has 4 flashing frequencies according to the state of the gate cycle.

The warning light includes the RF antenna for the internal receiver.

An "indicator light", when connected, follows the same flashing frequencies as the warning light.



1 x KEY SELECTOR (P/N: GAK1)

The key selector has 2 positions (plus the centre). By connecting the "Open" contact to the terminal block "Open" of the electronic controller, the key selector will mimic the key of the radio transmitter.



1 x WARNING PANEL (P/N: GA01)