

# avidsen



SUPPORT  
CALL



GUARANTEE



## TEHA 410

### MOTOR DRIVE KIT

With actuators – For two-panel swing gates

Ref. 114173



24 V



SWING  
GATE



1.75 M  
PER PANEL



150 KG  
PER PANEL



COMPATIBLE WITH ALL  
TYPES OF OPENWORK  
GATES



SOLAR POWER  
OPTION



BACKUP BATTERY  
OPTION



SMARTPHONE COMPATIBLE  
OPTION

### CONTROL YOUR GATE SAFELY.

This actuator motor drive is perfectly suited to large or heavy gates made of any material, and is the ideal solution for simplifying your day-to-day life while making your property more secure.



**Compatible with all types of openwork gates**  
(PVC, ALU, Openwork wood or steel)



**Solar option**  
Option to add a solar panel



**Backup battery option**  
Option to add a backup battery in the event of a power failure



**Smartphone compatible option**  
Option to control your motor drive via a smartphone



## PRODUCT BENEFITS

- French electronic design
- Adapts to any kind of swing gate
- 24V motor drive, progressive start and end cycle deceleration
- LED signal lights
- 80m remote control range in open air
- Automatic stop on encountering an obstacle and reversal of direction to clear it.
- Compatible with all types of audio/video intercom
- Pedestrian access: opens one panel only
- This motorised gate is compatible with the solar power kit ref. 114374 (optional, not included in this kit). This solar power kit allows you to operate the drive using solar energy without having to use a mains connection.
- Option to control your motor drive via a smartphone (optional ref. 127041).
- Option to add a backup battery in the event of a power failure.

## KIT CONTENTS

- 2 electric actuators 24 VDC equipped with a worm screw system, including mounting brackets
- 1 set of photocells
- 1 electronic control box with easy-to-program opening and closing cycle
- 2 x 433.92 MHz 4-button remote controls
- 1 LED flashing light



# SPECIFICATIONS



## ACTUATORS

Type	24 VDC motors, reduction gear, type: worm gear
Power supply	24 VDC
Nominal force	2200N
Speed at rated torque	2 cm/sec
Consumption at rated strength	60W
Cable	50 cm. 2 x 0.75 mm <sup>2</sup> section cables
Operating duration time	10 minutes
Maximum number of cycles/day	50
Operating temperature	-20°C/ +60°C
Protection rating	IP44

## ELECTRONIC CONTROL BOX

Type	Electronic control box for 2 x 24 VDC actuators
Contents	1 AVLO electronic card, 1 x 230 / 20 VAC transformer
Power supply	230 VAC / 50 Hz or 24 VDC
Maximum assigned power	120 W
Motor output (- M1 + / - M2 +)	2 outputs for 24 VDC motor - Maximum output current at start for 3 s = 3 A - Maximum output current after start = 2.5A
Flashing light output (- Warn +)	Flashing controlled by the electronic card. For 24 V flashing light with LED only (reference 684118)
+24 VDC power output (+24 V/ GND)	To power the photocells. 3.3 W maximum
Photocell input (GND/PHO)	Input for dry contact that is normally closed
Input for control device (2B/GND) "2 swing gates"	Input for dry contact that is normally open (closing the contact triggers a command to set the gate in motion or stop it)
Remote control option for:	- The entire gate by dry contact and remote control - Pedestrian access by remote control only
Number of remote control buttons that can be memorised	15 with 1 gate command button and 1 pedestrian command button
Protection fuses	Time-delay fuse in transformer 1A terminal block
Operating temperature	-20°C/+60°C
Protection rating	IP44

## FLASHING LIGHT

Type	LED lighting Flashing controlled by the electronic card
Power supply	24 V impulse relay
Operating temperature	-20°C/ +60°C
Protection rating	IP44



## REMOTE CONTROL

Type	OOK AM modulation. 16-bit Rolling code encoder (i.e. 65,536 possible combinations)
Frequency	433.92 MHz
Power supply	12 V by CR2032 battery
Touch-sensitive	4 keys
Radiated power	< 10 mW
Battery life	1 year at a rate of 10 x 2 s uses per day
Operating temperature	-20°C/ +60°C

