

avidsen



SUPPORT
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GUARANTEE

TEHA CONNECT SMART MOTOR DRIVE KIT

With actuators - For swing gates

Ref.114174



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l'Assistant Google



24 V



SWING
GATE



1.75 M
PER PANEL



150 KG
PER PANEL



COMPATIBLE WITH ALL
TYPES OF GATES



OPTION
BACKUP BATTERY

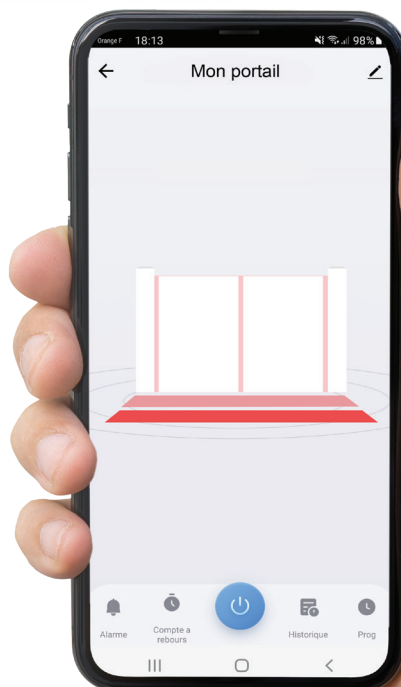


COMPATIBLE WITH
AVIDSEN HOME

MOTORISE YOUR SWING GATE WITH THE TEHA CONNECT MOTOR DRIVE.

This motor drive with actuators is suitable for all wooden, steel, aluminium and PVC swing gates. For greater safety, this motor drive includes deceleration at end of opening and closing cycles as well as obstacle detection.

This smart motor drive can be opened using the Avidsen Home app or the Google Home and Amazon Alexa voice assistants. A position sensor enables you to remotely check that the gate is closed.





**Compatible with
with all kinds of gates:**
(PVC, ALU, Openwork
wood or steel)



150 kg per panel



1.75 m per panel



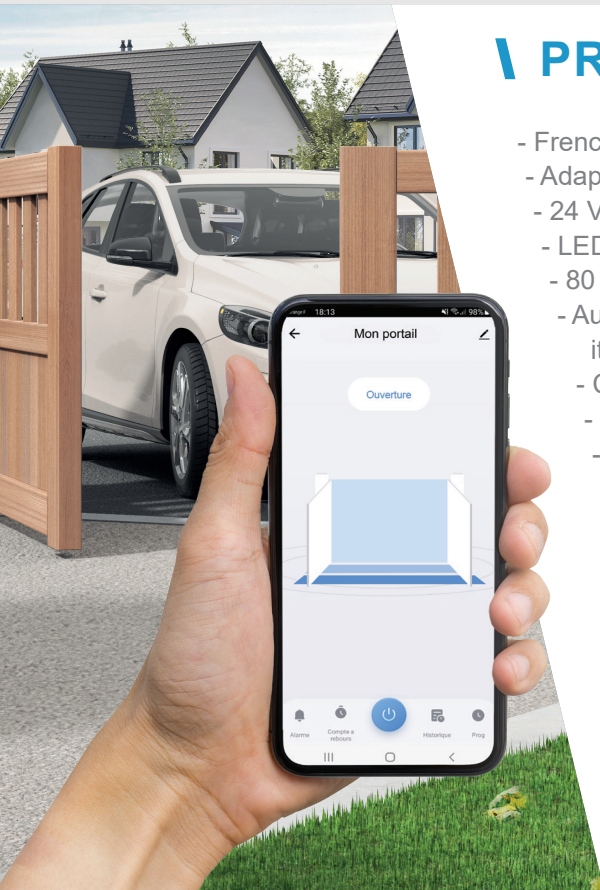
**Backup battery
option**

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



**Compatible with
Avidsen Home**

Option to control your
motor drive via a
smartphone



PRODUCT BENEFITS

- French electronic design
- Adapts to any kind of swing gate
- 24 V motor drive, progressive start and end cycle deceleration
- LED signal lights
- 80 m 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.
- Option to add a backup battery in the event of a power failure.
- Open and close the gate using the Avidsen Home app, compatible with Google Home and Amazon Alexa (WiFi connection and Internet service required)
- The position sensor enables you to remotely check that the gate is closed

Works
with the app



avidsen Home



Works
with voice assistants



fonctionne avec
l'Assistant Google

KIT CONTENTS

- 2 electric actuators 24 VDC equipped with a worm screw system, with mounting brackets
- 1 set of photocells
- 1 electronic control box with easy-to-programme opening and closing cycles
- 2 x 433.92 MHz 4-button remote controls
- 1 LED flashing light
- 1 x smart Avidsen Home Gate module with pre-wired position sensor



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 ² 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	120W
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 = 2.5 A
Flashing light output (- Warn +)	Flashing controlled by the electronic card. For 24 V flashing light with LED only (reference 114360)
+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 1 A 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

WIFI RECEIVER MODULE

Max. power	200W
Features	Opens gates and garage doors
Connection	Wired 1 output
Cable cross-section	Up to 1.5 mm ²
Use	Indoors and outdoors
Operating T°	-10°C/+50°C
Storage T°	-20°C/+70°C
Power supply	230 VAC/50 Hz
Average consumption	< 1 W
Position sensor	5 m cable, maximum distance between sensors: 10 mm
Installation	Close to gate or garage door
Colour	White

REMOTE CONTROL

Type	OOK AM modulation. 16-bit Rolling code encoder (i.e. 65,536 possible combinations)
Frequency	433.92 MHz
Power supply	3 V (one CR2032 battery)
Touch-sensitive	4 keys
Radiated power	< 10mW
Battery life	1 year at a rate of 10 x 2s uses per day
Operating temperature	-20°C/ +60°C



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