



SERIES FEATURES

-  Intensive use
-  Compatible with network interface
-  Motors powered by 24V
-  Magnetic encoder control
-  Opening and closing deceleration system
-  Built-in programmer
-  Self-learning
-  Multi-decoding
-  Built-in radio receiver card
-  Bluetooth compatible
-  Sun Power
-  Low-power mode available

PRODUCT FEATURES

-  Maximum gate weight 600kg
-  Residential housing
-  Built-in magnetic travel limits

Characteristics VELARIS SERIES

Self-programming automation for residential sliding gates up to 600kg

Our next-generation automation system for sliding gates (for gates of up to 600 kg) is designed to reduce both installation time and the frequency of after-sales assistance.

The motor is paired with a calibrated gear reduction system that is designed to absorb mechanical stress. This ensures a smooth and quiet work cycle that also lends itself to intensive use.

The upgraded encoder works on the same principle as the high-end series, allowing the programmer to memorise the door's position even following a manual release. This avoids having to repeat the programming procedure.

The built-in switching power supply replaces the traditional toroidal transformer, lowering the power consumption in standby mode, in full compliance with EU Regulation 2023/826.

The built-in support for the SUNPOWER solar kit completes the series' energy efficiency credentials (24V versions only).

Compatible with the INTPRG-4G/INTPRGN-WF system that allows the system parameters to be controlled and programmed remotely.

Compatible with the data exchange system between digital devices (smartphone, tablet, etc.) and the Cardin multifunctional control units.

The ECU's firmware can be updated via a smartphone using the optional BT module: this allows for new features and adjustments to be added without the need for physical access to the board.

Multi-decoding

The product range is factory fitted with a multi-decoding remote control module (system S449 - S486 - S504 - S508). By default the devices are supplied with a 433MHz RF module and the S504 / S508 series memory module inserted. To control the device with S449 transmitters, insert the ZGB24LC16-I / P memory module and consult the relevant section. For the S508 / S486 series purchase and insert the 868Mhz RF module.

Product features VELARIS624F

Electromechanical unit with a 24V motor

The automation is made up of a self-locking gear motor controlled by magnetic encoder with an in-built:

Electronic programmer fitted with a backlit graphic LCD display;

Protective cover for the ECU that allows you to check and modify settings on the display; 433MHz FM receiver.

The 16 digits x 2 lines graphic LCD display with backlighting and six different available languages, allows for on-board diagnostics and programming. The programmer allows you to rapidly set the system parameters, including transmitter code management, automatic reclosing, input types and the warning lamp, indicator light and photoelectric cell function settings. Both the standard operating speed and the deceleration speed settings are configurable. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

The appliance is fitted with a lever operated manual release system protected by personalised key.

Battery charger and NiMH batteries available for purchase separately (KBNIMH-5L).

Max. drag speed 15 m/min.

Magnetic travel limits



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VELARIS624F - AUTOMATION FOR SLIDING GATES

Electromechanical unit with a 24V motor



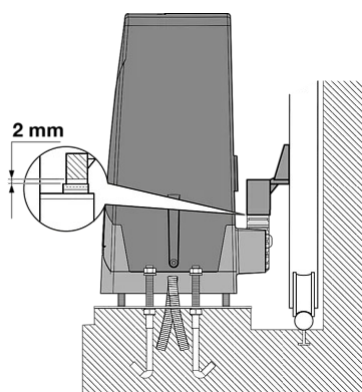
GENERAL CHARACTERISTICS

Single phase mains power supply 50/60Hz	Vac	230
Power input	W	150
Nominal electrical input	A	0.7
Motor power supply	Vac	24
Maximum motor power yield	W	100
Nominal electrical input motor	A	4
Duty cycle	%	70
Drag speed	m/min	10-15
Torque max.	Nm	12
Optional NiMH batteries and battery charger.	typ	NiMH
Operating temperature range	°C	-20...+55
Protection grade	IP	44
Insulation class	Cls	II

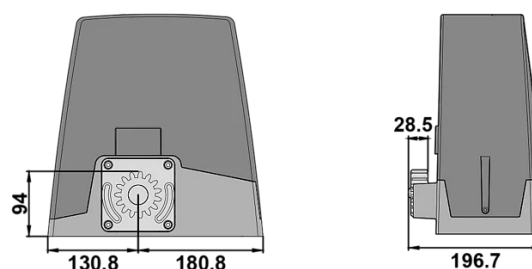
CONNECTIVITY

Optional receiver module	Mod-RF-868MHz
Optional Bluetooth interface module	MODBT

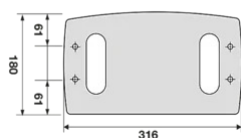
POSITIONING THE UNIT



OVERALL DIMENSIONS



FASTENING BASE



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