

GEARMOTOR FOR SLIDING GATES FOR RESIDENTIAL USE



LOW-VOLTAGE SOLUTIONS

- Long life thanks to innovative kinematics inside, meaning a robust buffer safeguards the engine from axial thrusts.
- High number of cycles ensured by the use of a bronze gear and steel worm screw.
- The standard encoder checks the exact position of the door and, in many applications, can also reduce the number of accessories needed to satisfy the safety requirements in compliance with European standards.
- Housing for battery backup (optional), to allow the opening of the gate in the absence of power.

(the number of possible cycles is influenced by the level of battery charge, by the number of accessories, and by the amount of time passed without power).



DIMENSIONS



240 mm



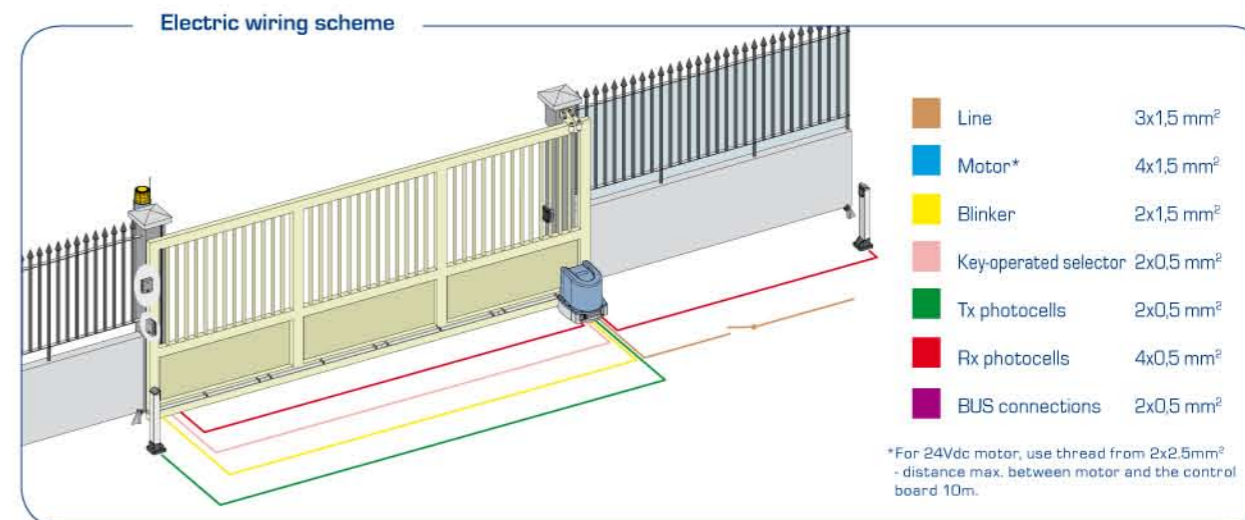
290 mm

TECHNICAL SPECIFICATIONS SPRINT 11 CONTROL BOARD

Power supply (Vac)	230
Absorbed Power (W)	3
Motor max. load (W)	60
Accessories max. load (mA)	500
Function logic	Automatic - Automatic step by step - Semiautomatic - Semiautomatic step by step
Pause time	Through self-learning during programming
Motor power	Trimmer adjustable
Terminal board inputs	Open A - Open B - Stop - Opening and closing limit-switch - Photocells - Blinker
Rapid plug inputs	Motor and encoder - Radiofrequency modules RQFZ for 3-PIN GENIUS receiver - Battery charger
Programmable functions	Automatic re-closure - Open A input - Safety device logic



Power supply 24V.



ACCESSORIES



RACK

RACK 1 meter in galvanised iron, 30 x 12 mm, module 4 without fittings. (6 m package). Price per meter.



SPACERS

KIT of 18 spacers and securing screws M8x30, for welding. 6 meters of iron rack.



SPACERS

KIT of 18 spacers and securing screws M8x50, for screwing. 6 meters of iron rack.



RACK

RACK 1 meter in nylon with steel core, 30 x 12 mm, module 4 without fittings. For gates with weight to 500 kg (6 m package). Price per meter.



SCREWS

KIT of 24 securing screws for 6 meters of nylon rack.



BATTERY KIT

Battery kit with recharging BOARD for on-board mounting.



RADIOFREQUENCY MODULE

Radiofrequency module RQFZ with 3 PIN Molex connection for GENIUS control board.

Technical specifications	MILORD 424 ENV	MILORD 824 ENV
Power supply (Vac)	230 / 115	
Motor (Vdc)	24	
Absorbed Power (W)	60	80
Torque (Nm)	13,5	24
Thrust on pinion (daN)	40	65
Pinion	Z16 mod. 4	
Max. gate weight (Kg)	400	800
Speed (m/min) ⁽¹⁾	12	
Type and frequency of use at 20 °C	Residential	
Recommended daily cycles	80	150
Max. continuous cycles	30	
Operating ambient temperature	-20°C +55°C	
Operator weight (Kg)	10,5	11
Protection class	IP44	

(1) The speed can change according to the weight and attrition of the gate.

Model	Version
MILORD 824 ENV	Non-reversible max. 800 Kg integrated Sprint 11 control board

Please note: The Milord 424 ENV version is available only as a kit. See page 24.