

MILORD 5 8 424

AN AUTOMATED SYSTEM

- MILORD 5-8-424 are a non-reversible electro-mechanical gearmotors suitable for automating sliding gates for residential use.
- The gearmotor body in die-cast aluminium and the protective housing in ABS make it a solid, safe product.
- The lever-operated release system enables manual leaf movement.

THE IMPORTANCE OF PRECISION AND SAFETY

- The innovative magnetic limit-switches system makes Milord a highly qualified product.
- The use of the encoder (optional) gives the exact position of the gate during its entire movement and, in case of impact, leaf movement can be reversed.

FIELD OF APPLICATION

- Suitable for automating sliding gates with weight up to 800 kg.

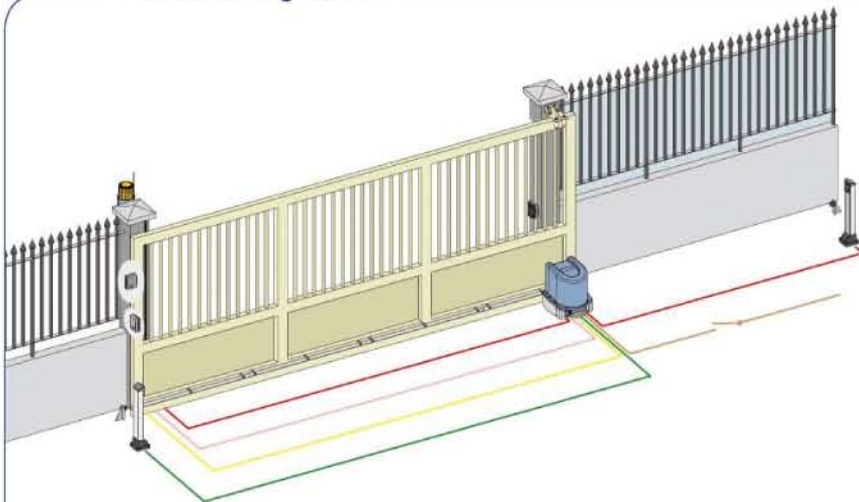


Power supply 24V recommended for an intensive use.

TECHNICAL SPECIFICATIONS	SPRINT 05 Milord 5/8	SPRINT 03 Milord 424
Power supply [Vac]	230/115	230/115
Absorbed Power [W]	15	3
Motor max. load [W]	600	70
Accessories max. load [mA]	500	500
Protective fuses	2	3
Function logic	Automatic - Manual	Automatic - Automatic step by step - Semiautomatic - Semiautomatic step by step - Condominium
Pause time	Four preset levels	Through self-learning during programming
Motor power	Trimmer adjustable	Four levels adjustable on display
Terminal board inputs	Open A - Open B - Stop - Opening and closing limit-switch - Photocells	Open A - Open B - Stop - Opening and closing limit-switch - Photocells - Battery - Encoder
Terminal board outputs	Accessories power supply 24Vdc - Blinker	Accessories power supply 24Vdc - Blinker
Rapid plug inputs	Encoder - GENIUS 5PIN receivers	GENIUS 5PIN receivers
Programmable functions	Open A - Open B - Stop - Opening and closing limit-switch - Photocells - Battery - Encoder	Operation with encoder - Clutch sensitivity - Automatic re-closure - Safety device logic
Signal state led's	Control board power supply - Opening limit-switch - Closing limit-switch - Stop - Safety devices	Control board power supply - Opening limit-switch - Closing limit-switch - Stop - Safety devices

Model	Version
MILORD 424C	Non-reversible, 24Vdc, max. 400 kg integrated control board
MILORD 5	Non-reversible, max. 500 kg
MILORD 5C	Non-reversible, max. 500 kg integrated SPRINT 05 control board
MILORD 8	Non-reversible, max. 800 kg
MILORD 8C	Non-reversible, max. 800 kg integrated SPRINT 05 control board

Electric wiring scheme



Line	3x1,5 mm ²
Motor*	4x1,5 mm ²
Blinker	2x1,5 mm ²
Key-operated selector	2x0,5 mm ²
Tx photocells	2x0,5 mm ²
Rx photocells	4x0,5 mm ²
BUS connections	2x0,5 mm ²

*For 24Vdc motor, use thread from 2x2,5mm²
- distance max. between motor and the control board 10m.

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 up to 500 kg (6 m package). Price per meter.



SCREWS

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



ENCODER

ENCODER with revs measurement on the input shaft, for greater control of forces, and reverses motion in case of impact. Raised repetition of positioning during opening/closing stops.

Technical specifications	MILORD 424	MILORD 5	MILORD 8
Power supply [Vac]	24		230
Power [W]	70	350	500
Current [A]	3	1.5	2.2
Heat protection [°C]	-		140
Capacitor [µF]	-	10	12,5
Max. torque [Nm]	13,5	18	24
Thrust on pinion [daN]	40	45	70
Type of pinion gear	Z16 mod. 4		Z16 mod. 4
Max. gate weight [Kg]	400	500	800
Speed [m/min]	12	12	10
Type and frequency of use at 20 °C	100%	S3 - 30%	S3 - 30%
Indicative hour cycles at 20°C [1]	≥72	≥24	≥28
Operating ambient temperature [°C]	-20 +55		-20 +55
Operator weight [Kg]	10	10	12,5
Protection class	IP44		IP44