

MISTRAL



230V



24V



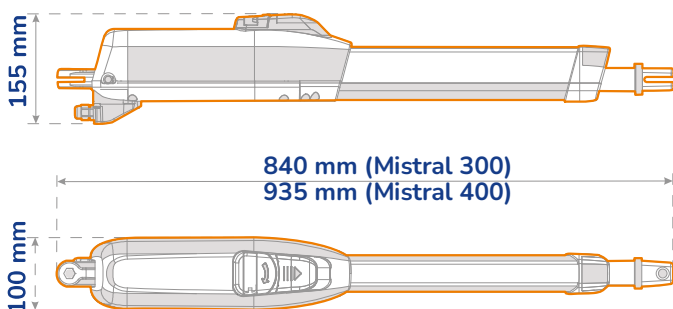
Lock-protected release device

Double coated aluminium body for greater durability



Floating Bracket

Horizontal cable outlet that makes installation close to the ground easier



ACTUATOR FOR SWING GATES

Operator with in-line thrust for leaves up to 4 metres

Available in versions 230V and 24V

The 24V model is fitted with the ENV function (Virtual Encoder-PATENT) as standard

Reversible version also available

G-WAY SYSTEM

24V version (with the Brain 15 board) or 230V version (with the Brain 19 board)

G-DEC SYSTEM

24V version (with the Brain 15 board) or 230V version (with the Brain 19 board)

PRO-CODER

Safety accessory (with Brain 19 and Brain 15 board)

KINEMATIC MECHANISM

internal, consisting of a bronze crown wheel and a steel worm-screw

SLOWDOWN

when opening and closing on both versions

CONTROL BOARDS

Brain 19 Page 74
Brain 15 Page 75

Code	Name	Version	Voltage	Leaf max.	Use
6170116	Mistral 300	Non-reversible	230V	3 m	For block of flats
6170120	Mistral 400	Non-reversible	230V	4 m	For block of flats
6170178	Mistral T324 ENV	Non-reversible	24V	3 m	Residential
6170045	Mistral 300 R	Reversible	230V	3 m	For block of flats

TECHNICAL CHARACTERISTICS

	Mistral 300	Mistral 300 R	Mistral 400	Mistral 400 R	Mistral T324 ENV
Power supply (V)	230				230
Electric motor (V)	230				24
Nominal power (W)	300				35
Current (A)	1.3				3
Thermal protection (°C)	140				-
Thrust capacitor (µF)	8	6.3	8	6.3	-
Thrust (daN)	300	280	300	280	150
Travel (mm)	300		400		300
Max. speed (cm/sec.) ¹	1.6				2.1
Use frequency at 20°C	S3 - 30%		S3 - 30%		continuous
Operating temperature (°C)	-20 +55	-10 +55	-20 +55	-10 +55	-20 +55
Protection rating	IP54				
Weight (kg)	7.8		8		7.5

N.B.

For leaves over 2.5 m, it is mandatory to install an electric lock in order to ensure leaf locking. R models must always be combined with an electric lock.

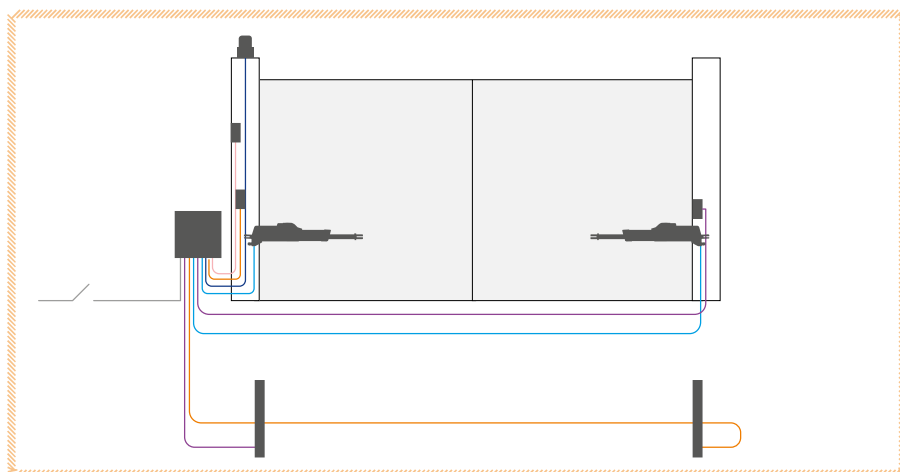
For models 400 with leaves over 3 m, it is mandatory to install an electric lock in order to ensure leaf locking. R models must always be combined with an electric lock.

Two motors can be installed per leaf for R models, in order to provide greater thrust.

WIRING INSTALLATION DIAGRAM

- Line: 3x1.5 mm²
- Motor*: 4x1.5 mm²
- Flashing light: 2x1.5 mm²
- Selector: 2x0.5 mm²
- Photocell TX: 2x0.5 mm²
- Photocell RX: 4x0.5 mm²

* For 24Vdc motors, use 2x2.5 mm² cables - maximum distance between motor and control unit 10 m.



STANDARD INSTALLATION

Qty.	Material description	Part number
2	Actuator - MISTRAL 300	6170116
1	Electronic board BRAIN 19	6100328
1	Board enclosure	JA320
1	Frequency module RQFZ 868 MHz	6100347
1	Two-channel transmitter KILO TX2 JLC	6100332
1	Flashing light - GUARD 230V	6100315
1	Pair of VEGA photocells	6100147
1	QUICK 1 external key button	JA31101-10
1	Pair of ORION photocells	JA310
2	Column for photocell	401070
2	Foundation plate for column	737100

ACCESSORIES



PLATE
Kit of 6 fixing plates.
110x70x5 mm.

Code **58P0199**



BATTERY KIT
Complete with charging board.
For 24V models only

Code **390923**



BRACKET
Kit containing 6 rear brackets h.130 mm.

Code **6100043**



PROcoder

Code **6100335**



KIT FOR TWO-LEAF SWING GATES

Kit suitable for motorising two-leaf swing gates having a maximum width of 3.00 m, complete with accessories.

ACCESSORIES



PROcoder - 6100335
(for KIT 51700931)

KIT



COMPLETE KIT:

Code	Model	Voltage	Leaf max.
51700781	Mistral Kit - frequency 433 MHz - RC	230V	3 m
51700931	Mistral Kit - frequency 868 MHz - JLC	230V	3 m

INDIVIDUAL COMPONENTS OF THE KIT:
51700781 MISTRAL KIT -
FREQUENCY 433 MHZ - RC

Code	Name	Qty.
6170116	Electromechanical operators Mistral 300	2
JA592	Control Board Brain 592	1
JA320	Control unit enclosure	1
6100334	Four-channel transmitter ECHO TX4 RC	1
6100147	Pair of Vega Photocells	1
6100354	Single-channel card receiver 433 MHz	1
6100315	Flashing LED light - GUARD 230V	1
JA311	Quick 1 key selector	1
-	Warning sign	1
-	Installation accessories	2
-	Assembly instructions	1
-	Assembly instructions	1

INDIVIDUAL COMPONENTS OF THE KIT:
51700931 MISTRAL KIT -
FREQUENCY 868 MHZ - JLC

Code	Name	Qty.
6170116	Electromechanical operators Mistral 300	2
6100328	Control Board Brain 19	1
JA320	Control unit enclosure	1
6100332	Two-channel Transmitter Kilo TX 2	1
6100147	Pair of Vega Photocells	1
JA31101	Quick 1 key selector	1
6100315	Flashing LED light - GUARD 230V	1
6100347	Frequency Module RQFZ, 3-PIN plug-in, 868 MHz	1
-	Warning sign	1
-	Installation accessories	2
-	Assembly instructions	1
-	Assembly instructions	1