



MS4

AUTOMATIONS FOR sliding gates up to 400 kg

- Self locking electromechanical operator suitable for residential use
- Unlock device fast and easy to use
 - Design that matches with any architectural style
 - Vertical and horizontal fixing positions adjustable
 - Easy to wire thanks to the pull-out terminals
- Prepared for encoder device
- Magnetic limit switches are available as accessory



supplied with control unit and built-in receiver



Easy to use unlock device.



Die cast aluminium unlock lever with personalized key.



Simple and strong mechanical parts.

TECHNICAL DATA

MS4

Power supply	230 Vac
Motor supply	230 Vac
Absorbed Power	170 W
Max. absorbed current	0,85 A
Torque	25 Nm
Opening speed	11 r.p.m.
Operation cycle	30%
Protection level	IP 54
Operating temp.	-20°C/+70°C
Lubrication	grease
Max gate weight	400 Kg
Weight	10 Kg

MS424

intensive use



AUTOMATIONS FOR sliding gates up to 400 Kg

- 24 Vdc irreversible electromechanical operator suitable for intensive use
- Amperometric anticrushing control and built-in encoder device on the electric motor
- Fitting position is horizontally and vertically adjustable
- Easy to wire thanks to the pull-out terminals
- Magnetic limit switches are available as accessory
- The version without control panel is available for battery back-up system thank to a BRAIN24 control panel and BRAIN24.CB

supplied whit control unit and built-in receiver



TECHNICAL DATA

MS424

Power supply	230 Vac
Motor supply	24 Vdc
Absorbed Power	100 W
Max. absorbed current	4 A
Torque	20 Nm
Opening speed	13÷17 r.p.m.
Operation cycle	intensive use
Protection level	IP 54
Operating temp.	-20°C/+70°C
Lubrication	grease
Max gate weight	400 Kg
Weight	10 Kg

New limit switch system available also for the installation of the magnetic limit stop for snowy places.



Built-in double channel receiver and pedestrian opening input



Simple and strong mechanical parts.



KS4

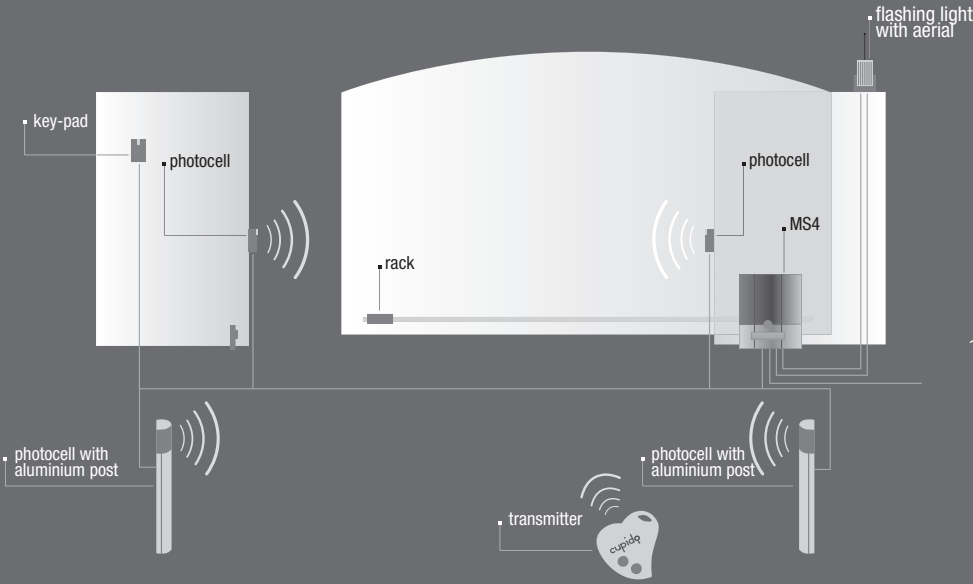
- 1 MS4 Operator with control unit and built-in receiver
- 1 FTM.S Pair of photocells
- 1 T2WV Transmitter
- 1 LAMPI Flashing light with built-in aerial
- 1 CH Key selectors
- 1 KE External box for key selectors
- 1 ID.TA Warning board



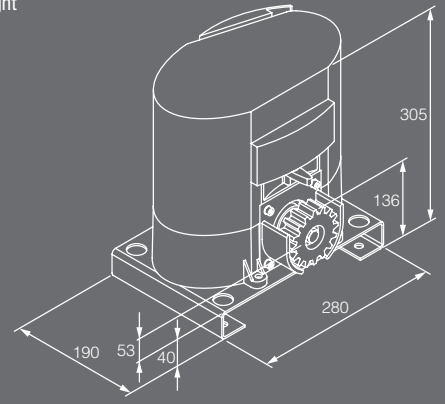
KS424

- 1 MS424 24 Vdc Operator with control unit and built-in receiver
- 1 FTM.S Pair of photocells
- 1 T2WV Transmitter
- 1 LAMPI24C 24 Vdc Flashing light with built-in aerial
- 1 CH Key selectors
- 1 KE External box for key selectors
- 1 ID.TA Warning board

INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

BRAIN24



24Vdc control panel for swinging gates with built-in 433,92Mhz receiver card and display for functions programming

BRAIN24.CB



Accessory for BRAIN24 composed of battery charger card CB.24V, 1,2Ah batteries and support for batteries

CB.24V



Battery charger card

MLS



Magnetic limit switches for MS424, BULL10M, BULL15M, BULL20M, BULL20T. Suitable for snowy places .

LB



Standard box for control units. Protection level IP 55

DA.BT6 DA.BT2



DA.BT6: Battery 6Ah 12 VDC
DA.BT2: Battery 2.1Ah 12 VDC

DA.2S



Electronic module which allows the synchronized movement of two gates

MS.E



Optical reader device for the detection of obstacles and slowing down function adjustment

RI.M4Z



M4 galvanized rack (22x22x2000 mm)

RI.M4P



M4 Nylon rack, provided with slots and screws (28x40x1000 mm)

RI.M4F



M4 galvanized rack with slots and screws (30x12x1000 mm)

RI.SF



Outdoor wire unlock system for gates without pedestrian entrance.

ID.TA



Aluminium warning board