

# BLGRIFFE24M - HINGED ARM AUTOMATION FOR SWING GATES

Electromechanical unit with a 24V motor



## SERIES FEATURES

-  Motors powered by 24V
-  Self-locking motor
-  Built-in programmer
-  Intensive use
-  Magnetic encoder control
-  Opening and closing deceleration system
-  Bluetooth compatible
-  Self-learning
-  Compatible with network interface

## PRODUCT FEATURES

-  Maximum gate length 2m
-  Maximum gate weight 200kg
-  Maximum opening angle 120°
-  Residential housing
-  Real-time clock
-  Multi-decoding

## Characteristics BLGRIFFE SERIES

### Self-programming automation for swing gates

Hinged operator arm automation designed to handle swing gates with one or two gate leaves. Includes a master unit with an in-built electronic programmer and a slave unit powering the second swing-to gate, acting in synch.

Perfect for residential applications with small gates and narrow columns, it fits seamlessly into the fixed structure with-out altering the appearance of the gate and is the ideal choice for effective and reliable gate control, ensuring safety and convenience in any situation- a perfect combination of technology, design and precision.

The compact and robust fastening bracket allows the automation to be fitted to very narrow columns. The extremely robust cast aluminium operator arms are fitted with joints for all applications and are able to drive hinged gates with different constructive characteristics.

Manual release is carried out using a practical locking - unlocking lever protected by a security key.

The use of direct current motors increases the performance, guarantees high efficiency, long life and silent running.

The integrated programmer employs mechanical travel limit controlled gate positioning.

Gate repositioning takes place automatically whenever foreign objects get in the way of the gate as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

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

Kit including battery charger and batteries to be ordered separately.

## Product features BLGRIFFE24M

### Electromechanical unit with a 24V motor

Encoder-controlled self-locking master unit including:

Electronic programmer.

433MHz FM receiver.

Particularly suited for installations with narrow columns that require the mounting base to be less than 180mm in width and also for gates where the hinges are not aligned to the edge of the column and with gate leaves of up to 2 metres in length (2,5m with an electric lock) 200kg maximum weight. Manual release is carried out using a practical locking - unlocking lever protected by a security key.

Operator arm included.

The electronic programmer is factory fitted with a graphic LCD display (128 x 128 pixels) with backlighting in six different languages. The menu allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, intermittent warning lamp activation, indicator light and photoelectric cell function setting etc. The electronics card, thanks to the presence of the real-time clock, allows you to set 10 events (shown on the display) and these events permit you to regulate the opening and closing of the motor at different times during the day within 3 weekly time bands (Mon-Fri, Sat-Sun, Mon-Sun); the events can be enabled or disabled (during holiday periods) either from the menu or by means of a radio channel.

This version of the product 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 (supplied with the device) and consult the relevant section. For the S508 / S486 series purchase and insert the 868Mhz RF module.



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### GENERAL CHARACTERISTICS

|                                              |     |           |
|----------------------------------------------|-----|-----------|
| Single phase mains power supply 50/60Hz      | Vac | 230       |
| Power input                                  | W   | 180       |
| Nominal electrical input                     | A   | 0.8       |
| Motor power supply                           | Vac | 24        |
| Maximum motor power yield                    | W   | 50        |
| Nominal electrical input motor               | A   | 2         |
| Duty cycle                                   | %   | 70        |
| Opening time 90°                             | s   | 16        |
| Maximum opening angle                        | °   | 120       |
| Torque max.                                  | Nm  | 250       |
| Optional NiMH batteries and battery charger. | typ | NiMH      |
| Operating temperature range                  | °C  | -20...+55 |
| Protection grade                             | IP  | 54        |
| Insulation class                             | Cls | II        |

### CONNECTIVITY

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



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