

# ACER

Motors for sliding gates



Innovate your Life...





## Automation of a new generation

LIFE, a new leading figure in the automation world unveils Acer, one of a new range of sliding motors. In the 230V and 24 V versions with loads of 400,600 and 800 kg, this series of electromechanical actuators combines an extensive choice with a design that is cared for in its finest details, expressing the more advanced levels of quality, aesthetics and operation currently on the market. To choose LIFE means crossing a new threshold each day in "home automation". Come and enter a world of safety, advantages and emotions.

### **Integration**

Genius Bus technology is a Life exclusive for home integration

### **Choice**

A range of comprehensive solutions from one single technology.

### **Life expectancy**

Designed and manufactured to last over time.

### **Quality**

Mechanisms able to stand stresses greater than 50% at nominal power.

### **Safety**

State of the art electronic systems for safety in real time.

### **Customisation**

Totally programmable functions at a simple touch.

### **Semplicity**

Easy installation and maintenance, "plug and play" expandability.



# Acer

## Ideas and materials

## that resist over time

Acer uses innovative materials and technology based on a solid tradition, offering a safe product, which lasts over time. The frame in pressure die-cast aluminium offers maximum lightness, but also guarantees perfect inalterability against weather agents. The resistant external shell protects both the electronic and mechanical components from knocks and severe weather conditions. The latter possess exemplary technical features. The entire motor is finished with epoxy powder paints, while the highly robust mechanism is produced from special alloys.

### An extra touch of simplicity

All the gate functions can be programmed at will with maximum ease, according to the needs and specific methods of use. The command panel, directly integrated in the protective shell is easily accessed, as well as particularly intuitive in operation. The presence of two pre-set programmes makes the system ready to use immediately, after installation.



# Acer

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## Power of technology

## and strength of materials

The Acer models are manufactured using materials selected to guarantee the best possible performance, also in terms of duration and safety. The structure is in high-density pressure-die cast aluminium, the best in lightweight and inalterability. The mechanisms and control unit are protected by a resistant plastic box, while the motor is finished with epoxy powder paint. Designed to resist extreme conditions of use, the mechanisms of the 400 and 600 kg versions are made in purpose-designed materials while a highly robust mechanism in bronze and aluminium alloy lubricated in oil, has been used in the 800 kg model.



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### Completely at your commands

The command panel regulates and programs the functions with maximum simplicity, according to the needs of the user and the various uses. The electronic control unit is already fitted with two default programmes, which help to speed up the operation further: one touch and the system is ready for use.



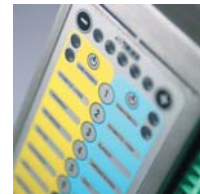
Acer

## Most of all peace of mind

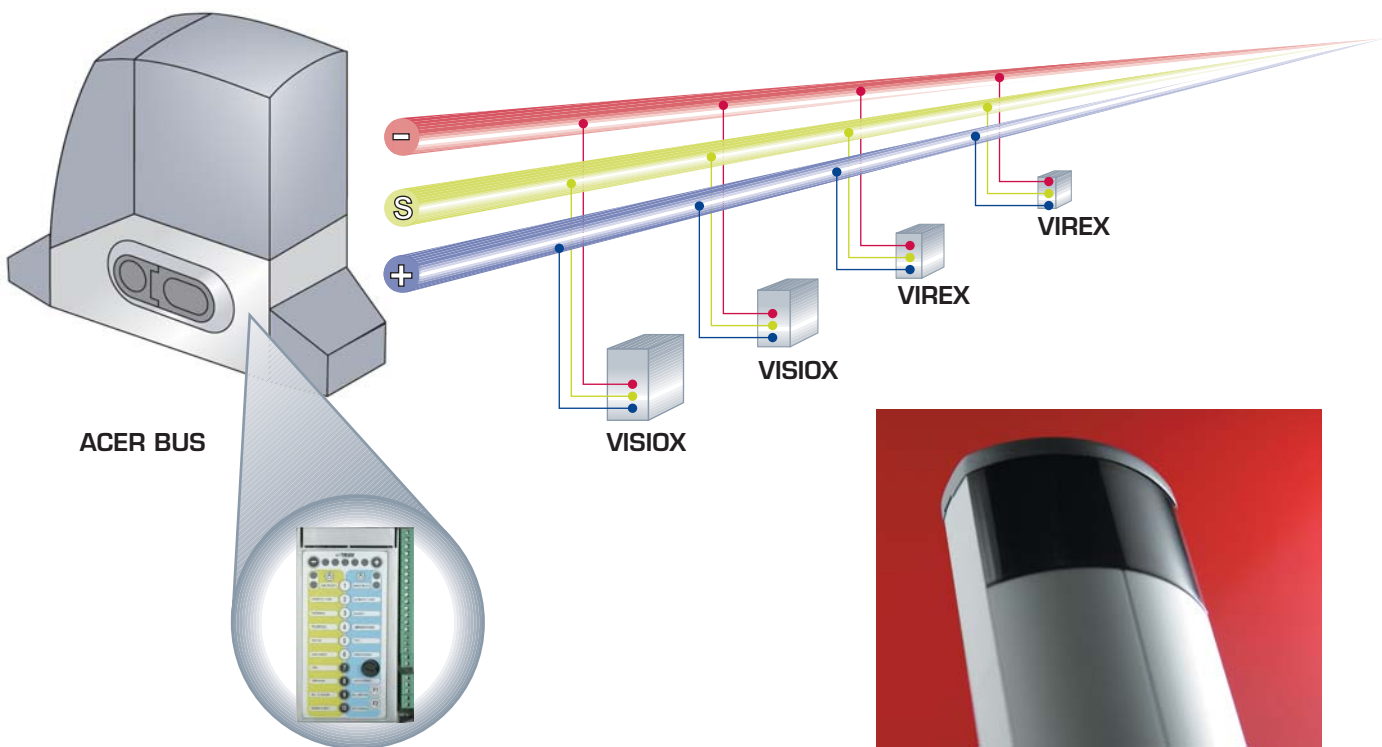
In addition to innovation, safety is one of the essential concepts of the LIFE philosophy, the reason why all its models including Acer Bus, are fitted with a special optical "encoder". Its function is to control the range of action of the gate at all times and signal the presence of any obstacle, also sudden or in movement, to the electronic control unit. The latter instantly activates the measures required to avoid any inconvenience. If this is not enough, there are also two "limit switch" devices that automatically interrupt the electrical power, on closure and opening giving double safety.

## Friendly technology

The manual release mechanism, even if it is practically never used, is strong, always ready for use, and perfectly operational, because perfectly protected from severe weather conditions. It can be activated easily without any problem, another factor of safety, as well as comfort.



## Bus Life Diagram



Acer Bus

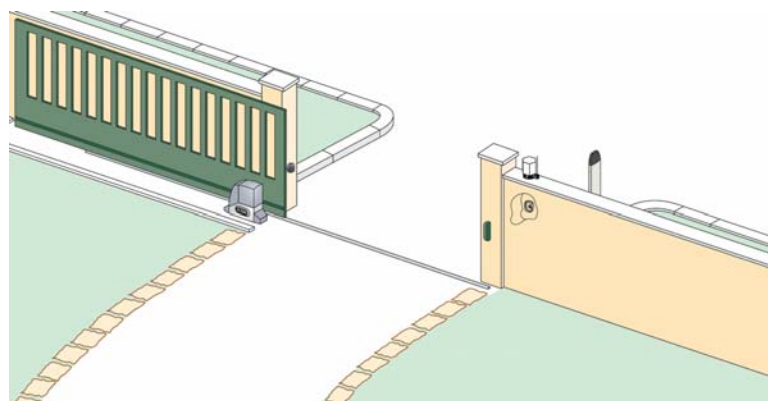
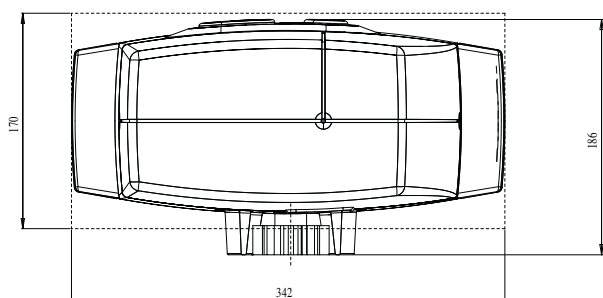
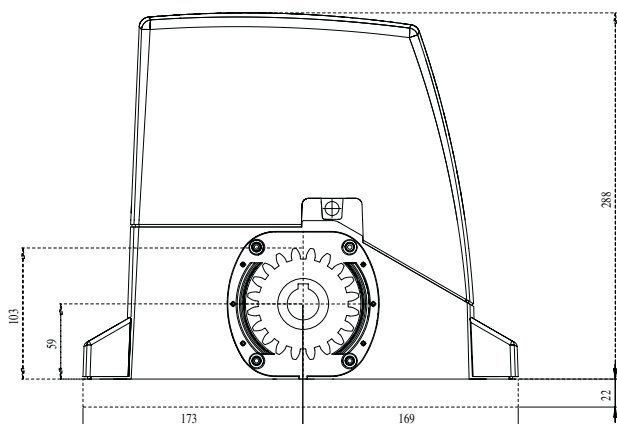
### Automation of a new generation

LIFE positions itself at the forefront of home automation with Acer Bus. More than a new range of motors for sliding gates, it is a new way of conceiving "home automation". Thanks to Bus Life technology, connection and management of photocells, transponders, digital selectors and other command devices are much easier. Further on, even the most complex systems become simple and immediate, allowing the gate to integrate with other domestic devices: from lighting to heating, from alarm systems to appliances. The new devices are recognised immediately, thanks to the "plug and play" system, Acer Bus offers you the choice among the 24V versions, with loadings of 400, 600 and 800 kg in addition to quality, aesthetics and operation, which are just as state of the art: come on and make a change in your... .life!

# Acer Bus - Acer

## Simple installation, immediate integration

The Installation of the actuator is facilitated thanks to four fixing holes that enable easy height regulation. Clear, simple and intuitive, the assembly instructions help reduce the installation time. And with the quality, design and customised LIFE services, you will reach the highest technical levels of satisfaction.



### ACER BUS - ACER

Electromechanical irreversible gearmotor 230V and 24V for sliding gates , with encoder and incorporated control board , using Bus or traditional technology.

|                               |            | CONTROL BOARD BUS-24 V d.c. |           |           | CONTROL BOARD-24 V d.c. |           |           | CONTROL BOARD-230 V a.c. 50Hz |            |            |
|-------------------------------|------------|-----------------------------|-----------|-----------|-------------------------|-----------|-----------|-------------------------------|------------|------------|
|                               |            | AC424X                      | AC624X    | AC824X    | AC424                   | AC624     | AC824     | AC4                           | AC6        | AC8        |
| POWER SUPPLY                  | V          | 24 V d.c.                   | 24 V d.c. | 24 V d.c. | 24 V d.c.               | 24 V d.c. | 24 V d.c. | 230 V a.c.                    | 230 V a.c. | 230 V a.c. |
| POWER                         | W          | 180                         | 400       | 400       | 180                     | 400       | 400       | 200                           | 300        | 300        |
| BUILT-IN GENIUS CONTROL PANEL |            | YES                         | YES       | YES       | YES                     | YES       | YES       | YES                           | YES        | YES        |
| PUSH                          | N          | 4000                        | 6000      | 8000      | 4000                    | 6000      | 8000      | 4000                          | 6000       | 8000       |
| LUBRICATING                   | Type       | GREASE                      | GREASE    | OIL       | GREASE                  | GREASE    | OIL       | GREASE                        | GREASE     | OIL        |
| THERMAL PROTECTION            | °C         |                             |           |           |                         |           |           | 140                           | 140        | 140        |
| OPERATING TEMPERATURE         | °C Min/Max | -20 +70                     | -20 +70   | -20 +70   | -20 +70                 | -20 +70   | -20 +70   | -20 +70                       | -20 +70    | -20 +70    |
| PROTECTION LEVEL              | IP         | 54                          | 54        | 54        | 54                      | 54        | 54        | 54                            | 54         | 54         |
| SPEED                         | m/min      | 11                          | 11        | 11        | 11                      | 11        | 11        | 10                            | 10         | 10         |
| WORK INTERMITTENCE            | %          | 80                          | 80        | 80        | 80                      | 80        | 80        | 40                            | 40         | 40         |
| BATTERY RECHARGING TIME       | h          | 48                          | 48        | 48        | 48                      | 48        | 48        |                               |            |            |
| CYCLES WITH LOADED BATTERY    | n°         | 20                          | 15        | 10        | 20                      | 15        | 10        |                               |            |            |
| MAX GATE WEIGHT               | kg         | 400                         | 600       | 800       | 400                     | 600       | 800       | 400                           | 600        | 800        |

## Complements



### GENIUS

Microprocessor control boards for one or two motors 230Vac/24Vdc , and complete systems with BUS Life technology.



### VISIO

Synchronized photocells surface mounted and recessed.



### VIP

Transmitters and receivers rolling and programmable code.



### DECO

Key selectors surface mounted and recessed.

## Complements

### AAC1

25X10X1000 M4 slotted rack with steel mandrel (screws included).

### AAC2

22X22X1000 M4 galvanized rack for welding.

### AAC3

30X12X1000 M4 galvanized rack with screws and spacers.

### AACS

bracket for AC4 , AC6 , AC8 fixing.



### SPLENDOR

Flashing signal light with predisposition for aerial. Enligh . Lighting solution "Fulgor"



### FIXING PLATE

Fixing plate, double keeping for AC4 - AC6 - AC8 series

## Discover the LIFE range

From operating systems, to electronic control units, to accessories, a complete integrated choice in continuous development for the home automation sector: enter a new world of possibilities.



Swing gate operators



Underground motors for swing gates



Up & over garage door operator



Microprocessor control boards



Detection systems



Remote control systems



Flashing and lighting systems

home  
  
integration

Product Design: Valerio Tomel  
Concept: LIFE - Whydotcom



home integration



products reliability



a new revolution in services



advanced solutions



friendly installation



wide range security systems

Retailer



Via I Maggio, 37 - 31043 Fontanelle - Treviso - Italy  
Tel. +39 0422 809254 Fax +39 0422 809250  
[www.homelife.it](http://www.homelife.it) e-mail [info@homelife.it](mailto:info@homelife.it)

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