





# RESIDENTIAL **SECTIONAL AND UP-AND-OVER** GARAGE DOORS

|           |    |
|-----------|----|
| NAOS..... | 62 |
| MAXI..... | 64 |

# SELECTION GUIDE



|  | MAXIMUM DOOR SURFACE | MAXIMUM DOOR HEIGHT |      |      |      |      |                         |                            | MOTOR VOLTAGE            |      |                           |                     |                          |                |       |          |
|--|----------------------|---------------------|------|------|------|------|-------------------------|----------------------------|--------------------------|------|---------------------------|---------------------|--------------------------|----------------|-------|----------|
|  |                      | 2.5m                | 3.3m | 3.6m | 2.8m | 3.4m | 3.6m                    |                            | 24Vdc                    | Lock | Encoder                   | Integrated receiver | Integrated control panel | Courtesy light |       |          |
| <b>NAOS</b><br>   | 11m <sup>2</sup>     |                     |      |      |      |      |                         | RESIDENTIAL                | 24Vdc                    | Lock | Encoder                   | Integrated receiver | Integrated control panel | Courtesy light |       | NASR70E  |
|  |                      | .                   |      |      | .    |      |                         |                            | 3.3m 3 pieces chain rail |      |                           |                     |                          |                | ANA01 |          |
|  |                      |                     |      |      |      |      |                         |                            | 3.3m 2 pieces chain rail |      |                           |                     |                          |                | ANA10 |          |
|  |                      |                     | .    |      |      |      | .                       |                            | 3.3m 3 pieces belt rail  |      |                           |                     |                          |                | ANA03 |          |
|  |                      |                     |      |      |      |      |                         |                            | 4m 2 pieces belt rail    |      |                           |                     |                          |                | ANA11 |          |
|  |                      |                     |      |      | .    |      |                         |                            | 4.4m 4 pieces chain rail |      |                           |                     |                          |                | ANA02 |          |
|  | 15m <sup>2</sup>     |                     |      |      |      |      |                         |                            | 4.4m 4 pieces belt rail  |      |                           |                     |                          |                | ANA04 | NASR100E |
|  |                      | .                   |      |      | .    |      |                         |                            | 24Vdc                    | Lock | Encoder                   | Integrated receiver | Integrated control panel | Courtesy light |       |          |
|  |                      |                     |      |      |      |      |                         |                            | 3.3m 3 pieces chain rail |      |                           |                     |                          |                | ANA01 |          |
|  |                      |                     |      |      |      |      |                         |                            | 3.3m 2 pieces chain rail |      |                           |                     |                          |                | ANA10 |          |
|  |                      | .                   |      |      |      | .    | 3.3m 3 pieces belt rail |                            |                          |      |                           |                     |                          | ANA03          |       |          |
|  |                      |                     |      |      |      |      | 4m 2 pieces chain rail  |                            |                          |      |                           |                     |                          | ANA11          |       |          |
| <b>MAXI</b><br> | 18m <sup>2</sup>     |                     |      | 3.6m | 2.8m |      | 3.6m                    | RESIDENTIAL<br>CONDOMINIUM | 24Vdc                    | Lock | Mechanical limit switches |                     | External control panel   |                |       | MX120C   |
|  |                      | .                   |      |      | .    |      |                         |                            | 3.3m guide, 3 pieces     |      |                           |                     |                          |                | AMX03 |          |
|  |                      |                     |      |      |      |      |                         |                            | 4.4m guide, 3 pieces     |      |                           |                     |                          |                | AMX04 |          |
|  |                      |                     |      |      | .    |      |                         |                            |                          |      |                           |                     |                          |                |       |          |

# NAOS



## MOTOR FOR RESIDENTIAL SECTIONAL AND OVERHEAD DOORS UP TO 15M<sup>2</sup>



Practical unlocking system

- Safety. Obstacle detection
- Programmable opening/closing speed
- Self learning of opening and closing force
- Non use of external limit switches (encoder)
- Electronic soft start-soft stop
- Built-in LED courtesy lighting
- Optional back up batteries (Optional DNA01 kit)



### PRODUCT RANGE

|          |  |
|----------|--|
| NASR70E  | 24 Vdc motor, 700N, with integrated control panel and 20 codes receiver  |
| NASR100E | 24 Vdc motor, 1000N, with integrated control panel and 20 codes receiver |

### CONTROL PANELS

|           |                               |
|-----------|-------------------------------|
| APNASR724 | NAOS integrated control panel |
|-----------|-------------------------------|

MORE INFO. PG. 140

### RAILS

| ANA01                              | ANA02                             | ANA03                             | ANA04                             | ANA10                             | ANA11                           |
|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|
|                                    |                                   |                                   |                                   |                                   |                                 |
| Chain rail guide<br>4.4 m 3 pieces | Belt rail guide<br>4.4m, 4 pieces | Belt rail guide<br>3.3m, 3 pieces | Belt rail guide<br>4.4m, 4 pieces | Chain rail guide<br>3,3m 2 pieces | Chain rail guide<br>4m 2 pieces |

### TECHNICAL DATA

|  | NASR70E       | NASR100E |
|--|---------------|----------|
| Power supply (Vac/Hz)                  | 230/50-60     |          |
| Power consumed (W)                     | 100           | 160      |
| Absorbed current (A)                   | 0.5           | 0.7      |
| Capacitor (µF)                         | -             | -        |
| Motor voltage (Vdc)                    | 24            |          |
| Pushing force (N)                      | 700           | 1000     |
| Maximum speed (cm/s)                   | 19            |          |
| Lock                                   | Yes           |          |
| Limit switches                         | No            |          |
| Encoder                                | Yes           |          |
| Duty cycle                             | Intensive use |          |
| Protection level                       | IP20          |          |
| Operating temperature (°C)             | -20 / +40     |          |
| Motor weight (kg)                      | 6             |          |
| Packing dimensions (cm)                | 45,7x27x22    |          |
| Maximum door surface (m <sup>2</sup> ) | 11            | 15       |

### ACCESSORIES



**ANA07**

Intermediate extra support



**NPE465**

Long arm 300cm



**APL02**

Release lock



**ANA06**

Screwed rail coupling



**NPE306**

Side interlocking



**NPE307**

Ground interlocking



**NPE308**

Unlocking cable with arm  
3m



**NPTOR**

Curved arm for torsion  
spring doors

### KITS

|       | 24Vdc | MOTOR + CONTROL PANEL + RECEIVER |          | CHAIN GUIDE |       | REMOTE CONTROL |
|-------|-------|----------------------------------|----------|-------------|-------|----------------|
|       |       | NASR70E                          | NASR100E | ANA01       | ANA02 | IR02           |
| NAOS1 |       | •                                |          | •           |       | ••             |
| NAOS2 |       |                                  | •        |             | •     | ••             |



## MOTOR FOR RESIDENTIAL SECTIONAL AND OVERHEAD DOORS UP TO 18M<sup>2</sup>



Practical unlocking system.

- Safety. Obstacle detection
- Programmable opening/closing speed (with VIVO-D203 control panel)
- Limit switches
- Safety. Obstacle detection
- High usage factor
- Housing for battery back up for Vivo-D203 (optional AVI04 kit)
- Separate control panel with traffic light and garage light management option



### PRODUCT RANGE

|        |   |
|--------|---|
| MX120C | 24 Vdc motor, 1200N with limit switches |
|--------|---|

### CONTROL PANELS

|           |  |
|-----------|--|
| VIVO-D103 | Analogic control panel for 24 Vdc motors |
| VIVO-D203 | Digital control panel for 24 Vdc motors  |

MORE INFO. PG. 104 MORE INFO. PG. 112

### RAILS

|                       |                       |
|-----------------------|-----------------------|
| AMX03                 | AMX04                 |
|                       |                       |
| Chain rail guide 3.3m | Chain rail guide 4.4m |

### TECHNICAL DATA

|  | MX120C            |
|--|-------------------|
| Power supply (Vac/Hz)                  | -                 |
| Power consumed (W)                     | 73 W              |
| Absorbed current (A)                   | 10 A              |
| Capacitor (µF)                         | -                 |
| Motor voltage (Vdc)                    | 24 Vdc            |
| Pushing force (N)                      | 1200              |
| Maximum speed (cm/s)                   | 12-19             |
| Lock                                   | Yes               |
| Limit switches                         | Yes               |
| Encoder                                | No                |
| Pinion                                 | 1/2x1/8"-Z10      |
| Duty cycle                             | Intensive use     |
| Protection level                       | IP20              |
| Operating temperature (°C)             | De -20 a 60 °C    |
| Motor weight (kg)                      | 9 kg              |
| Packing dimensions (cm)                | 18x18x25          |
| Maximum door surface (m <sup>2</sup> ) | 18 m <sup>2</sup> |

### ACCESSORIES

|                            |                   |                     |                             |  |
|----------------------------|-------------------|---------------------|-----------------------------|--|
|                            |                   |                     |                             |  |
| <b>ANA07</b>               | <b>NPE465</b>     | <b>APL02</b>        | <b>ANA06</b>                | <b>AVI04</b>                                     |
| Intermediate extra support | Long arm 300cm    | Release lock        | Screwed rail coupling       | Safety battery kit 2 x 2,2Ah for VIVO-D203 panel |
|                            |                   |                     |                             |  |
| <b>NPE299</b>              | <b>NPE306</b>     | <b>NPE307</b>       | <b>NPE308</b>               | <b>NPTOR</b>                                     |
| Kit sectional door         | Side interlocking | Ground interlocking | Unlocking cable with arm 3m | Curved arm for torsion spring doors              |

### KITS

|        | MOTOR  | CHAIN RAIL GUIDE |       | CONTROL PANEL |           | RECEIVER  | REMOTE CONTROL |
|--------|--------|------------------|-------|---------------|-----------|-----------|----------------|
|        |        | AMX03            | AMX04 | VIVO-D103     | VIVO-D203 | IRRE2-250 | IR02           |
| MAXI16 | MX120C | •                | •     | •             | •         | •         | ••             |
| MAXI17 | 24Vdc  | •                | •     | •             | •         | •         | ••             |
| MAXI18 |        | •                | •     |               | •         | •         | ••             |
| MAXI2  |        | •                | •     |               | •         | •         | ••             |





# INDUSTRIAL SECTIONAL DOORS

|                           |    |
|---------------------------|----|
| IZAR WITH UNLOCKING ..... | 70 |
| STAR .....                | 72 |

# SELECTION GUIDE

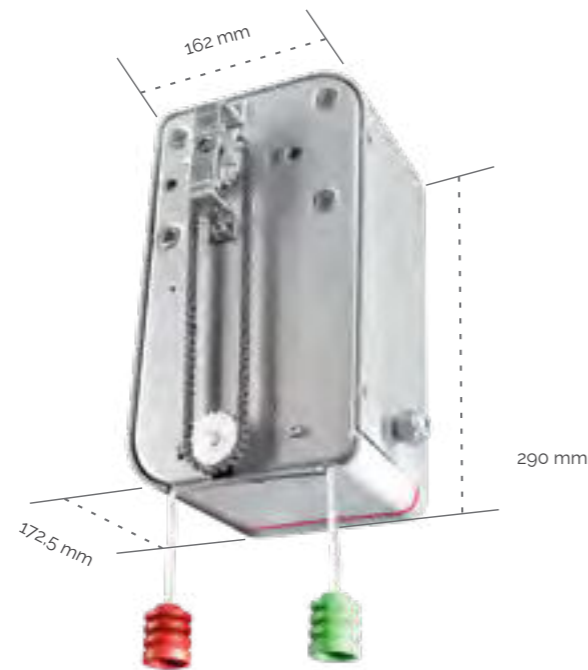


|   | MAXIMUM DOOR SURFACE | PINION | USE                       | MOTOR VOLTAGE        |                |                                |                        |                 |         |
|---|----------------------|--------|---------------------------|----------------------|----------------|--------------------------------|------------------------|-----------------|---------|
| <b>IZARSEC</b><br> | 15m <sup>2</sup>     | 30     | RESIDENTIAL               | 24Vdc                | Lock           | Electromechanic limit switches | External control panel | Cord Unlocking  | IZ4DC   |
|   | 25m <sup>2</sup>     | 40     | CONDOMINIUM<br>INDUSTRIAL |                      | With unlocking |                                |                        |                 |         |
| <b>STAR</b><br>    | 30m <sup>2</sup>     |        | INDUSTRIAL                | 230Vac               | Lock           | Electromechanic limit switches | External control panel | Chain Unlocking | ST910C  |
|   | 50m <sup>2</sup>     |        |                           | 3x230Vac<br>2x400Vac |                |                                |                        |                 | ST1530C |
|   | 60m <sup>2</sup>     |        |                           | 3x230Vac<br>3x400Vac |                |                                |                        |                 | ST2030C |

# IZAR WITH UNLOCKING



MOTOR FOR INDUSTRIAL SECTIONAL DOORS UP TO 25M<sup>2</sup>



Practical unlocking system

- Safety. Obstacle detection
- Electromechanic limit switches
- Electronic soft start-soft stop
- High usage factor
- Housing for battery back up for VIVO-D203 (optional AVI04 kit)



## PRODUCT RANGE

|       |  |
|-------|--|
| IZ4DC | 24 Vdc motor, with limit switches and unlocking system |
|-------|--|

## CUADROS

|           |  |
|-----------|--|
| VIVO-D103 | Analogic control panel for 24 Vdc motors |
| VIVO-D203 | Digital control panel for 24 Vdc motors  |

MORE INFO. PG. 104 MORE INFO. PG. 112

## TECHNICAL DATA

|  | IZ4DC  |
|--|--|
| Power supply (Vdc)                     | 24   |
| Power consumed (W)                     | 73   |
| Absorbed current (A)                   | 10   |
| Capacitor (µF)                         | -  |
| Output speed (rpm)                     | AIZ01 - 36 (nominal)<br>AIZ02 - 48 (nominal)                 |
| Velocidad (r.p.m.)                     | 65   |
| Lock                                   | Yes  |
| Limit switches                         | Yes  |
| Encoder                                | No   |
| Pinion                                 | 1/2x3/16-Z10   |
| Duty cycle                             | Intensive use  |
| Protection level                       | IP20   |
| Operating temperature (°C)             | -20/60   |
| Motor weight (kg)                      | 5  |
| Packing dimensions                     | -  |
| Maximum door surface (m <sup>2</sup> ) | AIZ01 (Z30)-15m <sup>2</sup><br>AIZ02 (Z40)-25m <sup>2</sup> |

## SETS



AIZ01

Base plate + pinion + chain Z30



AIZ03

Base plate + split pinion + chain Z30



AIZ02

Base plate + pinion + chain Z40



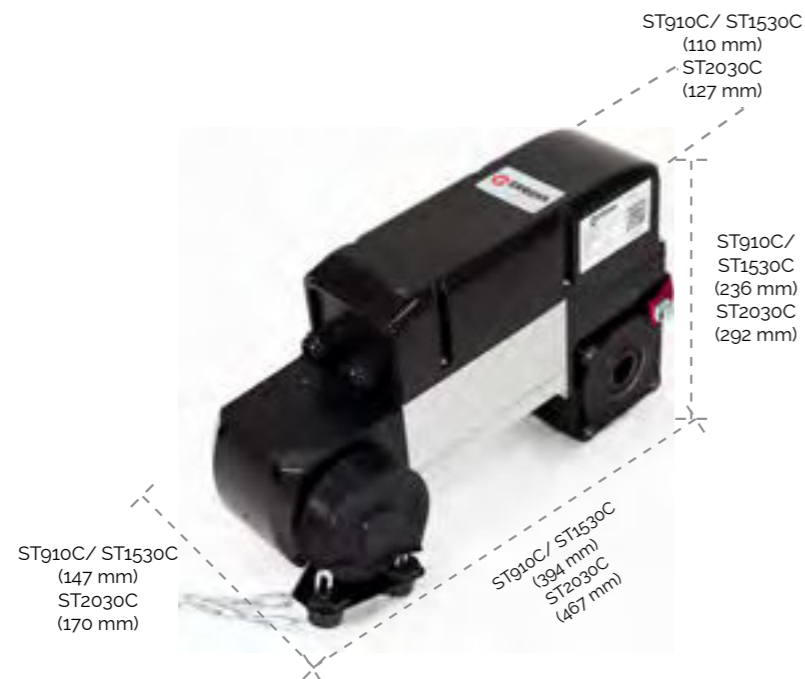
AIZ04

Base plate + split pinion + chain Z40

## KITS

|           |       | MOTOR | CONTROL PANEL |           | BASE PLATE | RECEIVER  | REMOTE CONTROL |
|-----------|-------|-------|---------------|-----------|------------|-----------|----------------|
| IZARSEC11 | 24Vdc | IZ4DC | VIVO-D203     | VIVO-D103 | AIZ02      | IRRE2-250 | IR02           |
| IZARSEC21 |       | .     | .             | .         | .          | ..        | ..             |

## MOTOR FOR INDUSTRIAL SECTIONAL DOORS UP TO 60M<sup>2</sup>



Chain manual release system (height 4m.)

- Hollow shaft of  $\varnothing 25,4$  mm ST910C and ST1530C models and  $\varnothing 32$  mm (with  $\varnothing 25,4$  mm adapter) in ST2030C
- Electromechanical limit switches
- High usage factor in three-phase motors
- Oil bath protected gearbox



### PRODUCT RANGE

|         |  |
|---------|--|
| ST910C  | Electromechanical monophase motor 230 Vac, 90 Nm with chain release        |
| ST1530C | Electromechanical three-phase motor 230 Vac, 150 Nm with chain release     |
| ST2030C | Electromechanical three-phase motor 230-400 Vac, 200 Nm with chain release |

### CONTROL PANEL
















|             |  |
|-------------|--|
| AM606       | Analogue, for one 230 Vac motor                    |
| VIVO-M101PT | Analogue, for one 230 Vac motor                    |
| VIVO-T101   | Analogue, for one 400 Vac motor                    |
| VIVO-I103   | Digital, for one 230Vac motor. Inverter technology |

 MORE INFO. PG. 110  MORE INFO. PG. 114  MORE INFO. PG. 116

### TECHNICAL DATA

|  | ST910C                    | ST1530C                | ST2030C                   |
|--|---------------------------|------------------------|---------------------------|
| Power supply (Vac/Hz)                  | 230/50                    | 3x 400/50<br>3x 230/50 | 3x 400/50<br>3x 230/50    |
| Power consumed (W)                     | 700                       | 650                    | 800                       |
| Capacitor ( $\mu$ F)                   | 32                        | -                      | -                         |
| Maximum torque (Nm)                    | 90                        | 150                    | 200                       |
| Output speed (rpm)                     | 24                        |                        | 16                        |
| Output shaft diameter (mm)             | 25,4                      |                        | 32 (incl. 25,4mm adapter) |
| Lock                                   | Si                        |                        |                           |
| Limit switches                         | Si -20 output shaft turns |                        |                           |
| Encoder                                | No                        |                        |                           |
| Pinion                                 | -                         |                        |                           |
| Duty cycle                             | S3-25%                    | S3-60%                 |                           |
| Protection level                       | IP54                      |                        |                           |
| Operating temperature ( $^{\circ}$ C)  | -20/45                    |                        |                           |
| Motor weight (kg)                      | 16                        | 18                     | 24                        |
| Packing dimensions (cm)                | 45x30x20                  |                        | 61x38x25                  |
| Maximum door surface (m <sup>2</sup> ) | 30                        | 50                     | 60                        |

### ACCESSORIES

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| <b>AST01</b>  | <b>NZ20U</b>  | <b>NZ30U</b>  | <b>NZ30U-Po8</b>  | <b>NZ40U-Po8</b>  | <b>NZ40U</b>  | <b>AST02</b>  | <b>AST03</b>  |
| Additional chain (m)  | 20 tooth pinion   | 30 tooth pinion   | 30 tooth split pinion   | 40 tooth split pinion   | 40 tooth pinion   | Axle kit 1" ST910C/ ST1530C   | Axle kit 1" ST2030C   |
|  |  |  |  |  |  |  |   |
| <b>AST04</b>  | <b>AST05</b>  | <b>AST06</b>  | <b>AST07</b>  | <b>AST08</b>  | <b>AST09</b>  | <b>AST10</b>  |   |
| Adaptation Hexag. Crawford ST910C/ ST1530C  | Adaptation Hexag. Crawford ST2030C  | Adaptation Hörmann ST910C/ ST1530C  | Adaptation Hörmann ST2030C  | Adaptation Red. Crawford ST910C/ ST1530C  | Adaptation Red. Crawford ST2030C  | Adaptation 1" ¼ ST910C/ ST1530C   |   |

### KITS

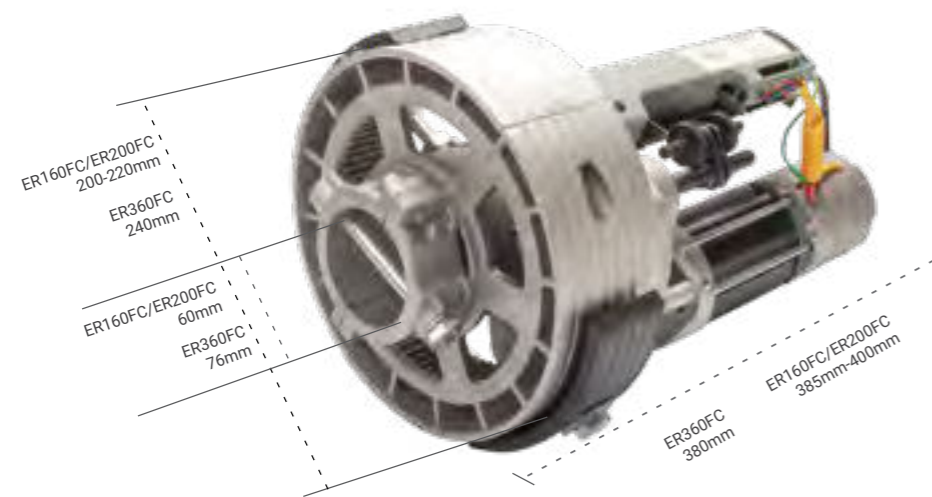
|       | MONOPHASE MOTOR | THREEPHASE MOTOR |         | CONTROL PANEL |           | RECEIVER  | REMOTE CONTROL |
|-------|-----------------|------------------|---------|---------------|-----------|-----------|----------------|
|       | ST910C          | ST1530C          | ST2030C | VIVO-M101PT   | VIVO-T101 | IRRE2-250 | IR02           |
| STAR4 | .               |                  |         | .             |           | .         | ..             |
| STAR5 |                 | .                |         |               | .         | .         | ..             |
| STAR6 |                 |                  | .       |               | .         | .         | ..             |



# ROLLING SHUTTERS

|            |    |
|------------|----|
| ERGOS..... | 76 |
| SENA.....  | 78 |
| URAL.....  | 80 |

## CENTRAL SHAFT MOTOR FOR BALANCED ROLLING SHUTTERS UP TO 360KG



- Wide range (locking systems, non locking systems)
- Electronic limit switches
- Choice of diameter shutter shaft: Ø60 mm and Ø76mm
- Great pushing force with bimotor operator





### PRODUCT RANGE

|         |   |
|---------|---|
| ER160C  | 48/60 mm central shaft motor, 160 kg, without brake |
| ER160FC | 48/60 mm central shaft motor, 160 kg, with brake    |
| ER200FC | 48/60mm central shaft motor, 200kg, without brake   |
| ER360FC | 76mm central shaft twin motor, 360 kg, with brake   |

### CUADROS

|          |  |
|----------|--|
| CLEVER01 | Analogue, for one 230 Vac motor                    |
| WISE01   | Analogue for 1 motor 230Vac with dead man function |

 MORE INFO. PG. 118  MORE INFO. PG. 122

### TECHNICAL DATA

|                             | ER160C   | ER160FC | ER200FC | ER360FC |
|-----------------------------|----------|---------|---------|---------|
| Power supply (Vac/Hz)       | 230/50   |         |         |         |
| Power consumed (W)          | 600      |         | 750     | 1000    |
| Absorbed current (A)        | 2.6      |         | 3.6     | 4.36    |
| Capacitor (µF)              | 18       |         | 20      | 24      |
| Available torque (Nm)       | 150      |         | 180     | 420     |
| Output speed (rpm)          | 10       |         |         |         |
| Max. shutter weight (kg)    | 160      |         | 200     | 360     |
| Max. shutter height (m)     | 6        |         |         |         |
| Duty cycle                  | S2>4min  |         |         |         |
| Lock                        | Si       |         |         |         |
| Limit switches              | Si       |         |         |         |
| Encoder                     | No       |         |         |         |
| Diameter shutter shaft (mm) | 48/60    |         | 76      |         |
| Diameter crowned drum (mm)  | 200-220  |         | 240     |         |
| Protection level            | IP20     |         |         |         |
| Operating temperature (°C)  | -20/+60  |         |         |         |
| Motor weight (kg)           | 9.0      |         | 10.5    | 15.1    |
| Packing dimensions (cm)     | 42x24x23 |         |         |         |
| Built-in Control Panel      | No       |         |         |         |

### ACCESORIOS



#### LCBLIND

Aluminium lock box with control switch and release lever



#### LCDES-Sog

Surface lock



#### LCDES-Eog

Mortise lock



#### LEOBOX

Key selector and release box



#### LCOFT

Bottomless release box



#### LCSTOP60

Fall arrest system with micro switch, shaft 60 mm



#### LCCQN10

Stainless steel release box

### KITS

|         | MOTOR            |                  | CONTROL PANEL |         | RECEIVER  | REMOTE CONTROL |      |
|---------|------------------|------------------|---------------|---------|-----------|----------------|------|
|         | ER160FC (160 kg) | ER360FC (360 kg) | CLEVER01      | WISE 01 | IRRE2-250 | IR02           | KU02 |
| ERGOS6  | •                |                  | •             |         | •         | ••             |      |
| ERGOS7  |                  | •                | •             |         | •         | ••             |      |
| ERGOS33 | •                |                  |               | •       |           |                | ••   |
| ERGOS34 |                  | •                |               | •       |           |                | ••   |



## TUBULAR MOTOR FOR ROLLING SHUTTERS UP TO 441 KG



- 2.3 metres of cable connected to the motor.
- Mechanical limit switch, easy to adjust and reliable over time.

### SERIE 35 SENA-C Ø35

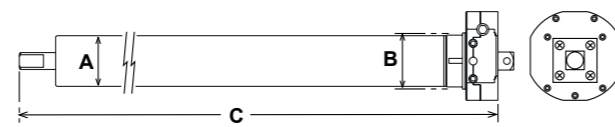
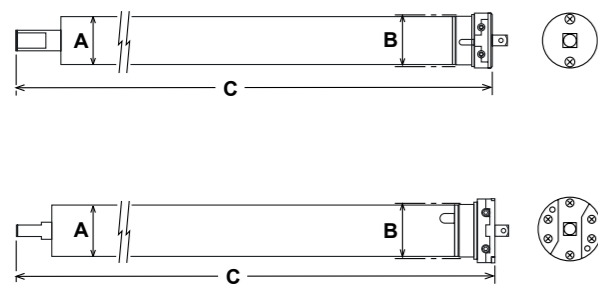
- Compact and quiet, ideal for indoor installations.
- Extremely small dimensions, particularly suitable for installation in narrow spaces.

### SERIE 45 SENA-C Ø45

- Compact head for easier installation.
- Bracket with quick coupling for easier motor reducer installation (accessory).

### SENA-CM Ø45

- Emergency override mechanism to manually operate the shutter in the event of electrical outage.



|   | SENA-C Ø35 |         | SENA-C Ø45 |         | SENA-CM Ø45 |
|---|------------|---------|------------|---------|-------------|
|   | SNC3512    | SNC4520 | SNC4530    | SNC4550 | SNCM4560    |
| A | 35         | 45      | 45         | 45      | 45          |
| B | 37         | 56      | 56         | 56      | 78          |
| C | 524        | 460     | 460        | 590     | 625         |

## PRODUCT RANGE

|          |  |
|----------|--|
| SNC3512  | Tubular motor, 35 mm, 12Nm             |
| SNC4520  | Tubular motor, 45 mm, 20Nm             |
| SNC4530  | Tubular motor, 45 mm, 30Nm             |
| SNC4550  | Tubular motor, 45 mm, 50Nm             |
| SNCM4560 | Tubular motor, 45 mm, 50Nm FC mechanic |

## COMMAND ELECTRONICS

FOR SENA-C Ø35, SENA-C Ø45, SENA-CM Ø45



### SN01G -SN04G- SN08G

Transmitter 433.92 available in 1-4 and 8 channel versions with LED display



### SNR11G

Control board with built-in 433.93 MHz receiver (for SENA-C) and SENA-CM models

## TECHNICAL DATA

|                              | SENA-C Ø35 |         | SENA-C Ø45 |         | SENA-CM Ø45 |
|------------------------------|------------|---------|------------|---------|-------------|
|                              | SNC3512    | SNC4520 | SNC4530    | SNC4550 | SNCM4560    |
| Maximum load* (Kg)           | 30*        | 35**    | 52**       | 95**    | 105**       |
| Torque (Nm)                  | 12         | 20      | 30         | 50      | 60          |
| Speed (rpm)                  | 17         | 17      | 15         | 12      | 12          |
| Power supply (Vac - Hz)      | 230/50     |         |            |         |             |
| Maximum electrical power (W) | 173        | 178     | 235        | 282     | 310         |
| Absorbed current (A)         | 0.75       | 0.78    | 1.03       | 1.23    | 1.35        |
| Maximum oper. time (min)     | 4          |         |            |         |             |
| Limit switch turns (n.)      | 42         | 26      | 26         | 26      | 15          |
| Length - L - (mm)            | 524        | 460     | 460        | 590     | 625         |
| Protection rating (IP)       | IP44       |         |            |         |             |

\* Value calculated with 40 mm octagonal roller  
\*\* Value calculated with 60 mm octagonal roller

## ACCESSORIES

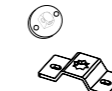
### SENA Ø35

\* SENA Ø35 motors include 40 mm octagonal adaptation (ASNO40) and motor bracket (ASN01)

### TUBO

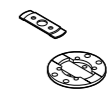


OCTOGONAL Ø40



### ASN01

Standard bracket SENA-C Ø35  
(Incluido en motor)



### ASN04

Fast bracket SENA-C Ø35

### WHEEL + CROWN

### ASNO40

(included in motor)

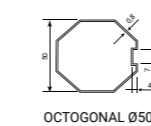
\*For other sizes of adaptations, please consult

### SENA Ø45

\* SENA-C Ø45 motors include 60 mm octagonal adaptation (ASNOPL up to 30 Nm and ASNO60 up to 50 Nm) and motor bracket (ASN02)

\* SENA-CM Ø45 operators include 60 mm octagonal adaptation (ASNO60) and motor bracket (ASN03)

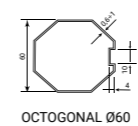
### TUBO



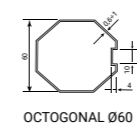
OCTOGONAL Ø50



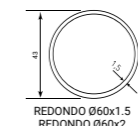
OCTOGONAL Ø52



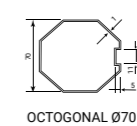
OCTOGONAL Ø60



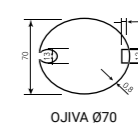
OCTOGONAL Ø60



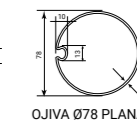
REDONDO Ø60x1.5  
REDONDO Ø60x2



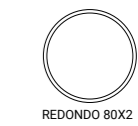
OCTOGONAL Ø70



OJIVA Ø70



OJIVA Ø78 PLANA



REDONDO 80x2

### WHEEL + CROWN

### ASNO50

### ASNO52

### ASNO60PL

(included in motor up to 30Nm)

### ASNO60

(included in motor up to 50Nm)

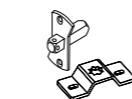
### ASNR60

### ASNO70

### ASNR70

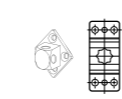
### ASNR80

### ASNR80



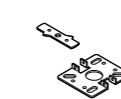
### ASN02

Standard bracket SENA-C  
(included in motor)



### ASN03

Standard bracket SENA-CM  
(included in motor)



### ASN05

Fast bracket SENA-C



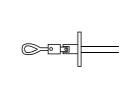
### ASN08

Handcrank (L: 1.8M)



### ASN06

Short hexagonal rigid eyebolt 7 included in SENA-CM Ø45 and URAL CM Ø59 motors



### ASN07

Universal eyebolt 90°

## TUBULAR MOTOR FOR ROLLING SHUTTERS UP TO 441KG



- 2.3 metres of cable connected to the motor.

### SERIES 59 URAL-C Ø59

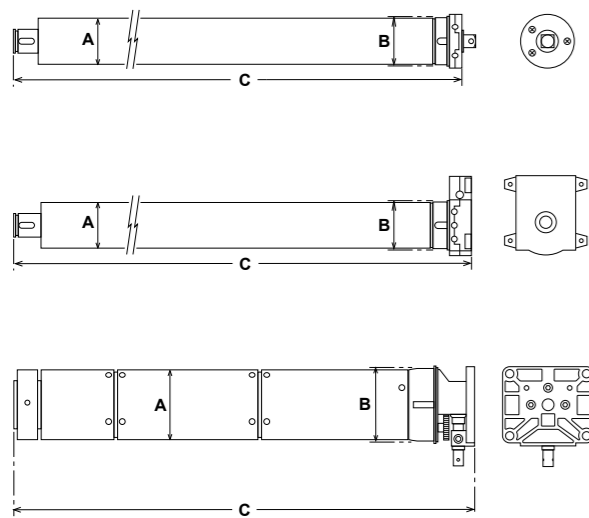
- Compact head for easier installation.

### URAL-CM Ø59

- Emergency override mechanism to manually operate the shutter in the event of electrical outage

### SERIE 92 URAL-CM Ø92

- Mechanical limit switch, easy to adjust and reliable over time.



|   | URAL-C Ø59 | URAL-CM Ø59 | URAL-CM Ø92 |       |
|---|------------|-------------|-------------|-------|
|   | 120Nm      | 120Nm       | 180Nm       | 300Nm |
| A | 59         | 59          | 92          |       |
| B | 60         | 60          | 94          |       |
| C | 665        | 675         | 630         |       |

## PRODUCT RANGE

|           |   |
|-----------|---|
| URC59120  | Tubular motor diam 59 120Nm FC, mechanic  |
| URCM59120 | Tubular motor with manual release diam 59 120Nm FC, mechanical                  |
| URCM92180 | Tubular motor with manual release diam 92 180Nm FC mechanical (without support) |
| URCM92300 | Tubular motor with manual release diam 92 300Nm FC mechanical (without support) |

## CONTROL PANELS

|          |  |
|----------|--|
| CLEVER01 | Analogue, for one 230 Vac motor                    |
| WISE01   | Analogue for 1 motor 230Vac with dead man function |

 MORE INFO. PG. 118  MORE INFO. PG. 122

## TECHNICAL DATA

|                              | URAL-C Ø59 |           | URAL-C Ø92 |           |
|------------------------------|------------|-----------|------------|-----------|
|                              | URC59120   | URCM59120 | URCM92180  | URCM92300 |
| Maximum load* (Kg)           | 180 *      |           | 282 **     | 441**     |
| Torque (Nm)                  | 120        |           | 180        | 300       |
| Speed (rpm)                  | 12         |           | 12         | 8         |
| Power supply (Vac - Hz)      | 230/50     |           | 230/50     |           |
| Maximum electrical power (W) | 450        |           | 626        | 880       |
| Absorbed current (A)         | 2          |           | 2,8        | 3,8       |
| Maximum oper. time (min)     | 4          |           | 4          |           |
| Limit switch turns (n.)      | 32         | 26        | 13         |           |
| Length - L - (mm)            | 665        | 675       | 630        |           |
| Protection rating (IP)       | IP44       |           |            |           |

\* Value calculated with 70 mm octagonal roller  
\*\* Value calculated with 101.6x3.6 round roller



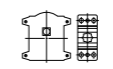


## ACCESSORIES

### URAL Ø59

- \* URAL motors include 70 mm octagonal adaptation (AURO70) and motor bracket (AUR01 for URAL-C and AUR02 for URAL-CM)
- \* URAL-CM operators include rigid eyebolt (ASN06)

### TUBO

|   |   |   |
|---|---|---|
|  |  |  |
| <b>RUEDA</b>  |   |   |
| AURO70 (included)   | AURR80  | AURR100   |

|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |                    |  |
| <b>ASN08</b><br>Handcrank<br>(L: 1.8M)  | <b>AUR01</b><br>Motor bracket URAL-C<br>(included in the motor)                       | <b>AUR02</b><br>Motor bracket URAL-CM<br>(included in the motor)                      | <b>ASN06</b><br>Short hexagonal rigid<br>eyebolt 7 included in<br>SENA-CM Ø45 and URAL<br>CM Ø59 motors | <b>ASN07</b><br>Universal eyebolt 90°   |

### URAL Ø92

- \* URAL-CM motors include Ø101.6x3.6mm round adaptation (AURR100g2) and rigid eyebolt (AUR04)
- \* The baseplate (AUR03) is an optional accessory.

### TUBO

|   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| <b>ADAPTACIONES</b>   |   |   |   |   |
| AURR100g2<br>(included in the motor)  | AURR102g2   | AURR115g2   | AURR133   | AURR159   |

|   |   |   |
|---|---|---|
|  |  |  |
| <b>AUR03</b><br>Motor bracket URAL<br>Series 92                                       | <b>ASN08</b><br>Handcrank<br>(L: 1.8M)  | <b>AUR04</b><br>Short rigid eyebolt<br>(included in URAL-CM<br>Series 92 motors)      |

\*For other sizes of adaptations, please consult



# CAR PARK BARRIERS

## **BOOM BARRIER**

GO.....88

GO PLUS.....90

GO PLUS INOX.....92

## **CHAIN BARRIER**

OMNI.....94



ERREKA GO and GO PLUS barriers are designed for access control in public and private settings, even in areas with heavy traffic. GO PLUS INOX is also available with an outer frame with a specialised stainless treatment, making it suitable for marine environments due to its quick opening and construction from highly resistant, durable materials.

For convenience and to simplify installation, the units are available for both left-hand and right-hand configurations. This configuration can be switched if necessary.

The new barriers stand out for their BRUSHLESS technology.

## ULTRAQUIET BRUSHLESS MOTOR FOR HIGH PERFORMANCE

**100 ÷ 240VAC EXTENDED POWER SUPPLY RANGE FOR ENERGY SAVING IN STANDBY MODE**

The three models feature a range of booms covering a wide range of requirements, from 4m to 8m. Various options for robust booms:

With **LED** for enhanced visibility

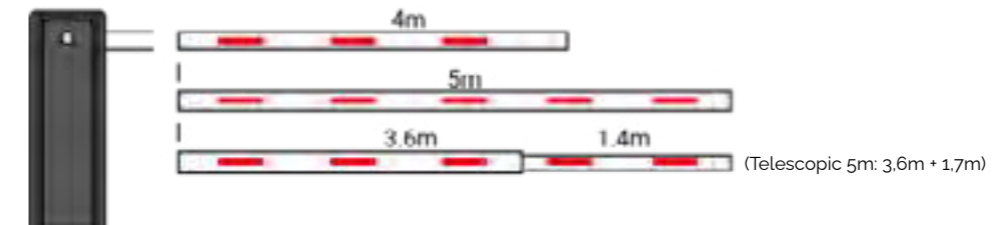
**Telescopic**, for more efficient transport and custom adjustment

**Articulated**, whenever space so requires.

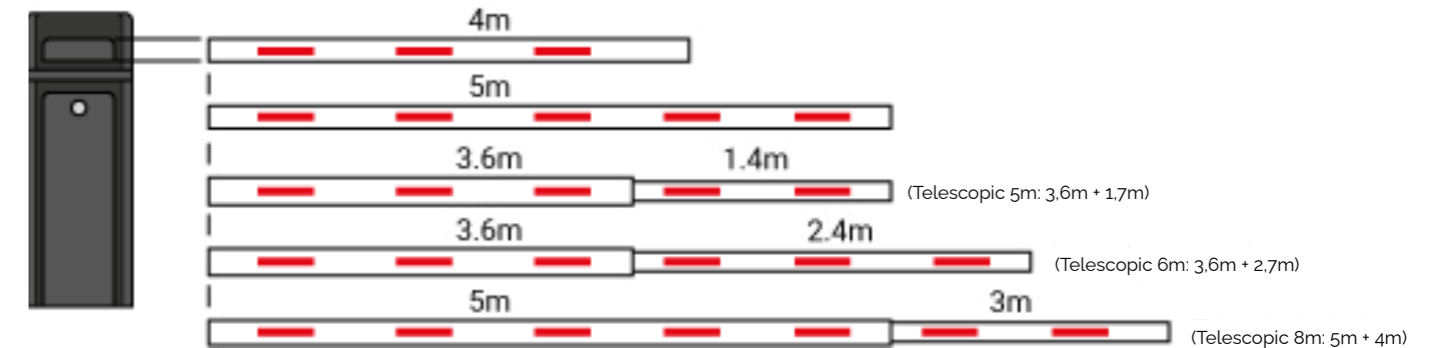
**Skirting**, for enhanced access control.

All of them robust and easy to transport.

## GO

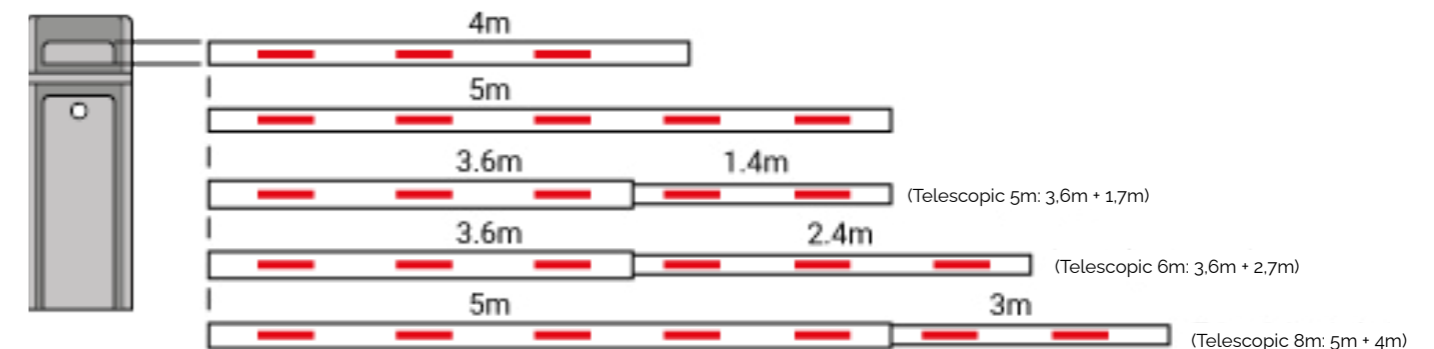


## GO PLUS



\*Option to include articulated booms and skirting in the GO PLUS models.

## GO PLUS INOX



\*Option to include articulated booms and skirting in the GO PLUS INOX models.

# GO / GO PLUS / GO PLUS INOX (Stainless)

## BRUSHLESS ELECTROMECHANICAL BARRIER

BOTH THE GO AND GO PLUS MODELS FEATURE AN ELEGANT DESIGN THAT INTEGRATES SEAMLESSLY INTO ANY SPACE.

THEY STAND OUT FOR THEIR QUICK, EASY ACCESS TO INTERNAL COMPONENTS, WHICH IS CONVENIENT FOR COMMISSIONING AND MAINTENANCE.

**Fast, easy access to internal components** - Simple disassembly of the cover to access the electronic and mechanical parts.

**Booms with LED signalling lights** designed to integrate in the profile.



**Balancing springs** - Guaranteed high durability for up to 1,000,000 maneuvers.

**Geared motor** - 24 Vdc, Brushless. Fast and powerful. The geared motor is guaranteed for 2,000,000 cycles.

## BARRIER WITH LONGER SERVICE LIFE

THE BRUSHLESS MOTOR OFFERS SEVERAL ADVANTAGES OVER BRUSHED MOTORS, SUCH AS:

- Significant reduction in mechanical wear
- Longer service life
- Less maintenance
- Faster automated device operation
- Quieter automated device

## PRECISE MOVEMENTS

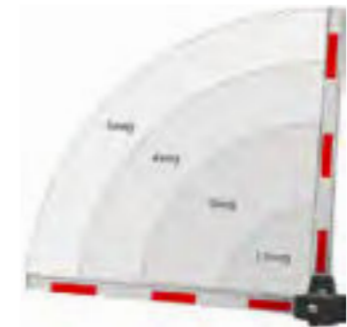
The brushless motor with a digital encoder allows for a more objective interpretation of the boom's position and rotation angle, enhancing the precision of the GO & GO PLUS barrier's movements during speed reductions.



## BOOM SPEED

Operating time depends on the size of the boom. The brushless motor enables the barrier to achieve an opening and closing speed of 3.5 seconds for the smallest boom (3 metres).

| BOOM LENGTH | SPEED (LENGTH OF OPERATION) |
|-------------|-----------------------------|
| 3m          | 3,5s                        |
| 4m          | 3,5s                        |
| 5m          | 4,5s                        |
| 6m          | 5s                          |
| 8m          | 6s                          |



## GUARANTEED SAFETY: OBSTACLE DETECTION

**The built-in obstacle detection** makes GO & GO PLUS safe and reliable in detecting potential obstacles in the boom's path. On detecting an obstacle, the boom immediately stops and reverses its path to ensure vehicles are never trapped.



## BRUSHLESS ELECTROMECHANICAL BARRIER UP TO 5M PASSAGE

**Fast, easy access to internal components -**  
Simple disassembly of the cover to access the electronic and mechanical parts.



**Booms** with LED signalling lights designed to integrate in the profile.

- Quiet brushless motor for high performance
- Extended range power supply
- Balancing springs - Guaranteed high durability for up to 1,000,000 maneuvers.
- Geared motor - 24 Vdc, Brushless. Fast and powerful. The geared motor is guaranteed for 2,000,000 cycles.



For convenience and to simplify installation, the units are available for both left-hand and right-hand configurations. This configuration can be switched if necessary. The new barriers stand out for their BRUSHLESS technology.

### PRODUCT RANGE

|           |  |
|-----------|--|
| GO524BECI | Brushless electromechanical barrier up to 5m with control panel (left locking) |
| GO524BECD | Brushless electromechanical barrier up to 5m with frame (right locking)        |

### CONTROL PANEL

|       |   |
|-------|---|
| SGO01 | Integrated control panel in GO / GO PLUS barriers |
|-------|---|

 **MORE INFO.** PG. 142

### BOOMS

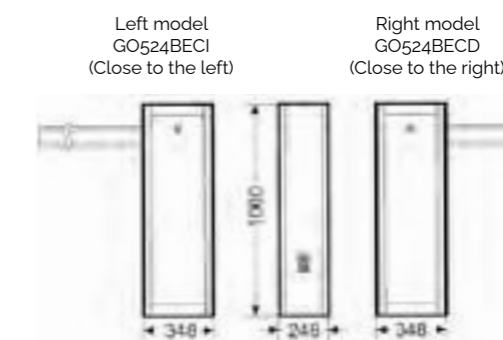
|             |  |              |
|-------------|--|--------------|
| Led         | Straight oval LED boom 4m                        | <b>AGO02</b> |
|             | Straight oval LED boom 5m                        | <b>AGO03</b> |
|             | Telescopic oval LED boom 5m                      | <b>AGO01</b> |
| Without led | Straight oval boom (with rubber, without LED) 4m | <b>AGO04</b> |
|             | Straight oval boom (with rubber, without LED) 5m | <b>AGO05</b> |
| Bracket**   | Fixed boom bracket                               | <b>AGO15</b> |
|             | Moving boom bracket                              | <b>AGO16</b> |

\*\* The fixed (AGO15) or moving (AGO16) boom bracket must be installed for barriers measuring 4m or longer.

### TECHNICAL DATA

|                            |                      | GO        |  |
|----------------------------|----------------------|-----------|--|
| BARRIER                    | GO524BECD            | GO524BECI |  |
| Power supply (Vac/Hz)      | 100÷240V / 50-60     |           |  |
| Power consumed (W)         | 120                  |           |  |
| Absorbed current (A)       | 0,5                  |           |  |
| Capacitor (µF)             | -                    |           |  |
| Motor voltage (Vdc)        | 24Vdc Brushless      |           |  |
| Maximum torque (Nm)        | 84                   |           |  |
| Opening time (s)           | 3,5s                 |           |  |
| Lock                       | Yes                  |           |  |
| Limit switches             | Yes                  |           |  |
| Encoder                    | Digital              |           |  |
| Duty cycle                 | Intensive use        |           |  |
| Protection level           | IP54                 |           |  |
| Operating temperature (°C) | -35/70               |           |  |
| Motor weight (kg)          | 36                   |           |  |
| Maximum booms length (m)   | 5                    |           |  |
| Packing dimensions (cm)    | 1,14 x 0,365 x 0,425 |           |  |
| Version                    | Right                | Left      |  |

Lacquered steel body S235



### KITS

|      | BARRIER   |           | BOOMS |       | RECEIVER   | REMOTE CONTROL | PHOTOCELL |
|------|-----------|-----------|-------|-------|------------|----------------|-----------|
|      | GO524BECI | GO524BECD | AGO01 | AGO02 | IRIN2S-250 | IR02           | FT06      |
| GO7  | •         |           | •     |       | •          | ••             | •         |
| GO8  |           | •         | •     |       | •          | ••             | •         |
| GO9  | •         |           |       | •     | •          | ••             | •         |
| GO10 |           | •         |       | •     | •          | ••             | •         |

# GO PLUS

## BRUSHLESS ELECTROMECHANICAL BARRIER UP TO 8M PASSAGE

**Fast, easy access to internal components** - Simple disassembly of the cover to access the electronic and mechanical parts



**Booms with LED signalling lights** designed to integrate in the profile.

- Quiet brushless motor for high performance
- Extended range power supply
- Balancing springs - Guaranteed high durability for up to 1,000,000 maneuvers.
- Geared motor - 24 Vdc, Brushless. Fast and powerful. The geared motor is guaranteed for 2,000,000 cycles.
- For convenience and to simplify installation, the units are available for both left-hand and right-hand configurations.



## GAMA DE PRODUCTOS

|           |   |
|-----------|---|
| GOP24BECI | Brushless electromechanical barrier up to 6-8m with control panel (left locking)  |
| GOP24BECD | Brushless electromechanical barrier up to 6-8m with control panel (right locking) |

## CUADROS

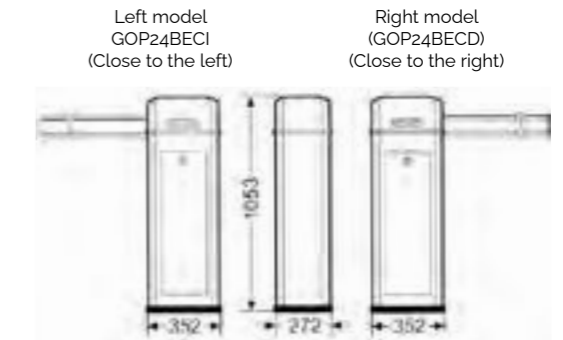
|       |   |
|-------|---|
| SGO01 | Integrated control panel in GO / GO PLUS barriers |
|-------|---|

**MORE INFO.** PG. 142

## TECHNICAL DATA

| GO PLUS                    |                   |           |
|----------------------------|-------------------|-----------|
| BARRERA                    | GOP24BECI         | GOP24BECD |
| Power supply (Vac/Hz)      | 100÷240V / 50-60  |           |
| Absorbed power (W)         | 120               |           |
| Current (A)                | 0,5               |           |
| Capacitor (J)              | -                 |           |
| Motor power supply (Vdc)   | 24Vdc Brushless   |           |
| Torque (Nm)                | 125               |           |
| Opening time (s)           | 5(6m) - 6 (8m)    |           |
| Locking                    | Si                |           |
| Limit switch               | Si                |           |
| Encoder                    | Digital           |           |
| Duty cycle                 | Uso intensivo     |           |
| Protection grade           | IP54              |           |
| Operating temperature (oC) | -35/70            |           |
| Barrier weight (kg)        | 58                |           |
| Maximum booms length (m)   | 6-8*              |           |
| Packaging dimensions (cm)  | 1,12 x 0,4 x 0,42 |           |
| Version                    | Derecha           | Izquierda |

Lacquered steel body S235



## BARRIER

|            |  |              |
|------------|--|--------------|
| Led        | Straight oval LED boom 4m                        | <b>AGO02</b> |
|            | Straight oval LED boom 5m                        | <b>AGO03</b> |
|            | Telescopic oval LED boom 5m                      | <b>AGO01</b> |
|            | Telescopic oval LED boom 6m                      | <b>AGO06</b> |
| Sin led    | Telescopic oval LED boom 8m                      | <b>AGO08</b> |
|            | Straight oval boom (with rubber, without LED) 4m | <b>AGO04</b> |
|            | Straight oval boom (with rubber, without LED) 5m | <b>AGO05</b> |
| Articulada | Telescopic oval boom (without LED) 8m            | <b>AGO07</b> |
|            | Articulated oval boom 90° 3m                     | <b>AGO11</b> |
|            | Articulated oval boom 90° 4m (1)                 | <b>AGO10</b> |
|            | Articulated oval boom 90° 5m (1)                 | <b>AGO09</b> |
| Faldón     | Articulated oval boom 180° 5m (1)                | <b>AGO12</b> |
|            | Oval boom with skirting 3m right                 | <b>AGO13</b> |
|            | Oval boom with skirting 4m right                 | <b>AGO14</b> |
|            | Oval boom with skirting 3m left                  | <b>AGO17</b> |
| Soporte**  | Oval boom with skirting 4m left                  | <b>AGO18</b> |
|            | Fixed boom bracket                               | <b>AGO15</b> |
|            | Moving boom bracket AGO16                        | <b>AGO16</b> |



\*\* The fixed (AGO15) or moving (AGO16) boom bracket must be installed for barriers measuring 4m or longer. (1) Only compatible with fixed boom bracket (AGO15)

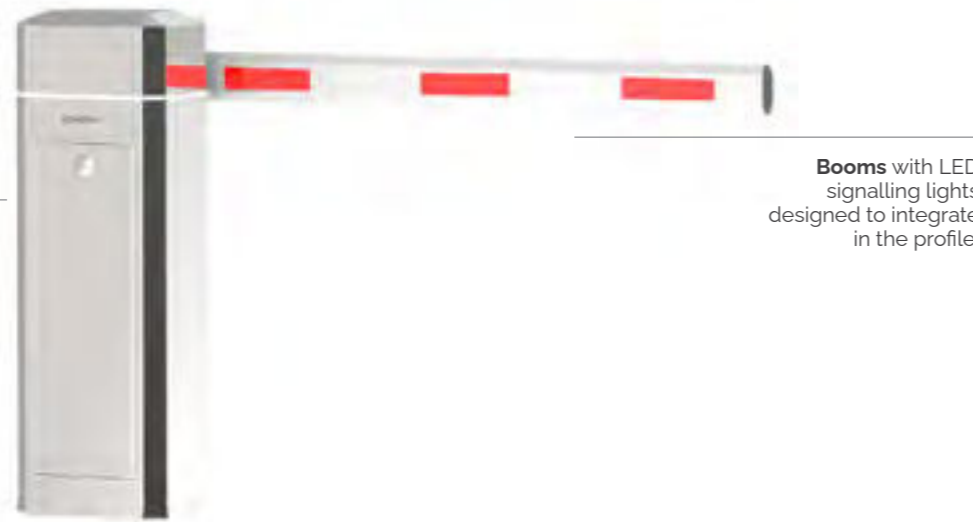
## KITS

|      | BARRIER   |           | BOOM  | RECEIVER   | REMOTE CONTROL | PHOTOCELL |
|------|-----------|-----------|-------|------------|----------------|-----------|
|      | GOP24BECI | GOP24BECD | AGO06 | IRIN2S-250 | KU02           | FT06      |
| GO11 | .         | .         | .     | .          | ..             | .         |
| GO12 | .         | .         | .     | .          | ..             | .         |

# GO PLUS INOX (Stainless)

## BRUSHLESS ELECTROMECHANICAL BARRIER UP TO 8M PASSAGE

**Fast, easy access to internal components** - Simple disassembly of the cover to access the electronic and mechanical parts



Booms with LED signalling lights designed to integrate in the profile.

- Quiet brushless motor for high performance
- Extended range power supply
- Balancing springs - Guaranteed high durability for up to 1,000,000 maneuvers.
- Geared motor - 24 Vdc, Brushless.
- Fast and powerful. The geared motor is guaranteed for 2,000,000 cycles.



GO PLUS INOX is also available with an outer frame with a specialised stainless treatment, making it suitable for marine environments due to its quick opening and construction from highly resistant, durable materials. For convenience and to simplify installation, the units are available for both left-hand and right-hand configurations.

## PRODUCT RANGE

|               |  |
|---------------|--|
| GOP24BECI-INX | Brushless electromechanical inox barrier up to 6-8m with frame (left locking)        |
| GOP24BECD-INX | Brushless electromechanical stainless steel barrier up to 6-8m frame (right locking) |

## CUADROS

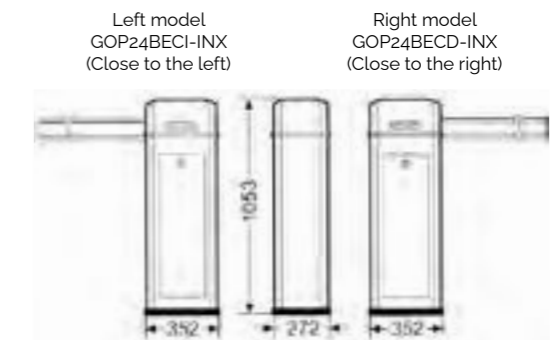
|       |   |
|-------|---|
| SGO01 | Integrated control panel in GO / GO PLUS barriers |
|-------|---|

 **MORE INFO.** PG. 142

## TECHNICAL DATA

| BARRIER                    | GO PLUS INOX      |               |
|----------------------------|-------------------|---------------|
|                            | GOP24BECD-INX     | GOP24BECI-INX |
| Power supply (Vac/Hz)      | 100÷240V / 50-60  |               |
| Absorbed power (W)         | 120               |               |
| Current (A)                | 0,5               |               |
| Capacitor (J)              | -                 |               |
| Motor power supply (Vdc)   | 24Vdc Brushless   |               |
| Torque (Nm)                | 125               |               |
| Opening time (s)           | 5(6m) - 6 (8m)    |               |
| Locking                    | Yes               |               |
| Limit switch               | Yes               |               |
| Encoder                    | Digital           |               |
| Duty cycle                 | Intensive use     |               |
| Protection grade           | IP54              |               |
| Operating temperature (°C) | -35/70            |               |
| Barrier weight (kg)        | 57                |               |
| Maximum boom length (m)    | 6-8*              |               |
| Packaging dimensions (cm)  | 1,12 x 0,4 x 0,42 |               |
| Version                    | Right             | Left          |

Polished stainless steel body AISI304



## BOOMS

|            |  |              |
|------------|--|--------------|
| Led        | Straight oval LED boom 4m                        | <b>AGO02</b> |
|            | Straight oval LED boom 5m                        | <b>AGO03</b> |
|            | Telescopic oval LED boom 5m                      | <b>AGO01</b> |
|            | Telescopic oval LED boom 6m                      | <b>AGO06</b> |
| Sin led    | Telescopic oval LED boom 8m                      | <b>AGO08</b> |
|            | Straight oval boom (with rubber, without LED) 4m | <b>AGO04</b> |
|            | Straight oval boom (with rubber, without LED) 5m | <b>AGO05</b> |
|            | Telescopic oval boom (without LED) 8m            | <b>AGO07</b> |
| Articulada | Articulated oval boom 90° 3m                     | <b>AGO11</b> |
|            | Articulated oval boom 90° 4m (1)                 | <b>AGO10</b> |
|            | Articulated oval boom 90° 5m (1)                 | <b>AGO09</b> |
|            | Articulated oval boom 180° 5m (1)                | <b>AGO12</b> |
| Faldón     | Oval boom with skirting 3m right                 | <b>AGO13</b> |
|            | Oval boom with skirting 4m right                 | <b>AGO14</b> |
|            | Oval boom with skirting 3m left                  | <b>AGO17</b> |
|            | Oval boom with skirting 4m left                  | <b>AGO18</b> |
| Soporte**  | Fixed boom bracket                               | <b>AGO15</b> |
|            | Moving boom bracket                              | <b>AGO16</b> |



\*\* The fixed (AGO15) or moving (AGO16) boom bracket must be installed for barriers measuring 4m or longer.  
(1) Only compatible with fixed boom bracket (AGO15)

## CHAIN BARRIER UP TO 20M PASSAGE



- High usage factor
- Safety. Obstacle detection
- Self-learning of open/ close distances (encoder)
- Electronic soft start-soft stop
- Non use of external limit switches
- Housing for battery back up (optional ADN01 kit)
- Programmable opening/ closing speed

## PRODUCT RANGE

|        |  |
|--------|--|
| OMS24E | 24 Vdc chain barrier, with integrated control panel (MASTER) |
| OM24   | 24 Vdc chain barrier, without control panel (SLAVE)          |

## CONTROL PANELS

|        |                               |
|--------|-------------------------------|
| 13B164 | OMNI integrated control panel |
|--------|-------------------------------|

 **MORE INFO.** PG. 144

## TECHNICAL DATA

|                            | OMS24E Master | OM24 Slave |
|----------------------------|---------------|------------|
| Power supply (Vac/Hz)      | 230/50        | -          |
| Power consumed (W)         | 170           |            |
| Absorbed current (A)       | 5.5           |            |
| Capacitor (µF)             | -             | -          |
| Motor voltage (Vac)        | 24            |            |
| Opening time (s)           | 10            |            |
| Lock                       | Yes           |            |
| Limit switches             | No            |            |
| Encoder                    | Yes           | No         |
| Duty cycle                 | Intensive use |            |
| Protection level           | IP54          |            |
| Operating temperature (°C) | -20 / 60      |            |
| Peso motor (kg)            | 46            | 40         |
| Dimensión embalaje (cm)    | 25x22x108     |            |
| Longitud Máxima cadena     | 20 m          |            |

## ACCESSORIES



**AOM01**  
Chain (m)



**AOM02**  
Underground guide (2m)



**AOM03**  
Safety joints

## KITS

|        | BARRIER WITH CONTROL PANEL (MASTER) | BARRIER (SLAVE) | CHAIN (8m) | GUIDE (4m) | RECEIVER  | REMOTE CONTROL | PHOTOCELL | FLASHING LAMP |
|--------|-------------------------------------|-----------------|------------|------------|-----------|----------------|-----------|---------------|
|        | OMS24E                              | OM24            | AOM01      | AOM02      | IRRE2-250 | IR02           | FT06      | LUMI          |
| OMNI20 | •                                   | •               | ••••••••   | ••••       | •         | ••             | •         | •             |
| OMNI11 | •                                   | •               | ••••••••   | ••••       | •         | ••             | •         | •             |



# CONTROL PANELS

|                                |     |
|--------------------------------|-----|
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|                            | SWING GATES |                  |           |            |            |            |            |            |                     |                     |                     |           | SLIDING GATES |            |                     |                 |                 |                 |                   |                 |                   |                      |                   |                      | BARRIERS       |                  | SECTIONAL AND OVERHEAD DOORS |                 |                   |                   |            |                      |                |            | ROLLING SHUTTERS |                     |               |                          |           |           |
|----------------------------|-------------|------------------|-----------|------------|------------|------------|------------|------------|---------------------|---------------------|---------------------|-----------|---------------|------------|---------------------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------------|----------------------|-------------------|----------------------|----------------|------------------|------------------------------|-----------------|-------------------|-------------------|------------|----------------------|----------------|------------|------------------|---------------------|---------------|--------------------------|-----------|-----------|
| Control Panel              | SMART-D201  | SPY01            | VIVO-D203 | VIVO-M101  | VIVO-M201  | VIVO-M202  | VIVO-M203  | VIVO-M204  | VIVO-I103           | VIVO-I203           | VIVO-I204           | VIVO-D203 | CLEVER03      | VIVO-M203  | VIVO-I103           | DINGO           | LINCE           | PUMA            | PUMA-I            | RINO            | RINO-I            | TORO                 | TORO-I            | VIVO-T101            | GO / GOPLUS    | OMNI             | NAOS                         | HERA            | VIVO-D102         | VIVO-D103         | CLEVER03   | AM6005               | AM6065         | VIVO-M203  | VIVO-M101PT      | VIVO-I103           | VIVO-T101     | WISE01                   | CLEVER01  |           |
| Designed for               | Motor 24V   | Motor Pyrene 24V | Motor 24V | Motor 230V | Motor 230V | Motor 230V | Motor 230V | Motor 230V | Motor inverter 230V | Motor inverter 230V | Motor inverter 230V | Motor 24V | Motor 230V    | Motor 230V | Motor inverter 230V | Motor Dingo 24V | Motor Lince 24V | Motor Puma 230V | Motor Puma-I 230V | Motor Rino 230V | Motor Rino-I 230V | Motor Torot800 -230V | Motor Toro-I 230V | Motor Torot2500-400V | Barrier Go 24V | Barrier Omni 24V | Motor Naos 24V               | Motor Hera 230V | Motor Izarsec 24V | Motor Izarsec 24V | Motor 230V | Motor Siriussec 230V | Motor Sky 230V | Motor 230V | Motor Sky 230V   | Motor inverter 230V | Motor Sky400V | Motor DELFOS / URAL 230V |           |           |
| Control panel power supply | 230V-50Hz   | 230V-50Hz        | 230V-50Hz | 230V-50Hz  | 230V-50Hz  | 230V-50Hz  | 230V-50Hz  | 230V-50Hz  | 230V-50Hz           | 230V-50Hz           | 230V-50Hz           | 230V-50Hz | 230V-50Hz     | 230V-50Hz  | 230V-50Hz           | 230V-50Hz       | 230V-50Hz       | 230V-50Hz       | 230V-50Hz         | 230V-50Hz       | 230V-50Hz         | 230V-50Hz            | 230V-50Hz         | 230V-50Hz            | 400V-50Hz      | 230V-50Hz        | 230V-50Hz                    | 230V-50Hz       | 230V-50Hz         | 230V-50Hz         | 230V-50Hz  | 230V-50Hz            | 230V-50Hz      | 230V-50Hz  | 230V-50Hz        | 230V-50Hz           | 230V-50Hz     | 230V-50Hz                | 230V-50Hz | 230V-50Hz |

| RADIO                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Connector for radio plug-in receiver card | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |   |
| Plug-in receiver                          |   |   |   |   |   |   |   |   |   |   |   |   | • |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fix code decode (with RSD receiver)       |   |   | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Rolling code decode (with RSD receiver)   | • | • |   |   |   |   |   |   |   |   |   |   | • |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

| PLUG-IN CARDS                    |  |  |    |   |   |   |    |   |    |    |   |   |  |    |    |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------|--|--|----|---|---|---|----|---|----|----|---|---|--|----|----|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Connector for traffic light card |  |  | •2 | • | • |   | •2 |   | •2 | •2 |   | • |  | •2 | •2 | • | • | • |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Connector for brake wires card   |  |  | •2 |   |   | • | •2 | • | •2 | •2 | • |   |  | •2 | •2 |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| OPERATION LOGICS                  |   |   |   |    |    |    |    |    |   |   |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|----|----|----|----|----|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Slow down                         | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |   |
| Automatic closing                 | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Optional automatic closing        | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Closure after transit             | • | • | • | •  |    |    | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Obstacle detection                | • | • | • | •3 | •3 | •3 | •3 | •3 | • | • | • | • | • | •3 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Step by step opening              | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Condominium opening               | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ST1-ST2 configurable input        |   |   | • |    |    |    | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Dead man function                 |   |   | • | •  |    |    | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Dead man function only on closing |   |   | • |    |    |    | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Full opening by transmitter       | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pedestrian opening by transmitter | • | • | • | •  | •  | •  | •  | •  | • | • | • | • | • | •  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

| REGULATIONS                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Automatic closing time setting  | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |   |
| Force adjustment                | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Speed adjustment                | • | • | • |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Delay time between leaves       | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |   |
| Stroke reversing pulse          | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Hydraulic pressure maintenance  |   |   |   | • | • | • | • | • | • | • | • |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Backward movement after closing | • | • | • |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

| MORE FEATURES                     |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Close photocell shadow FT1        |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Battery back up connector         | • | • | • |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of cycles                  |   |   | • |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of partial settings        |   |   | • |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Optional password for programming | • | • | • |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reset to factory settings         |   |   | • |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Telemaintenance-gsm               |   |   | o |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1 Selectable mechanical / resistive edge 8K2  
2 Selectable traffic light card/brake card

3 Obstacle detection in normal speed  
4 Encoder 2 input is used as limit switches 1 input

5 Internal encoder  
6 Internal-external limit switches with control board manipulation

7 Programmable relay output contact  
8 Contact programmable relay output

9 Contact fan activation  
10 Selectable for LED strip

# SMART-D201



DIGITAL CONTROL PANEL FOR SWING GATES WITH 24 VDC MOTORS 230VAC WITH POWER FOR 24 VDC ELECTROLOCK



- Programming with 4 push buttons and 3-digit 14-segment display.
- Power supply for one or two 24 Vdc Swing motors.
- Power output for electrolock.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Management for start and pedestrian start via radio.
- 433.92MHz built-in radio receiver (Standard built-in Roller code decoded).
- Emergency battery unit input (ASM01) with charger included.
- Power for 24 Vdc signage lamp (for use in fixed lamps).
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Adjustable soft stop and operating speed.
- External safety input - closing and interior safety - opening.
- Input for limit switches on opening and closing.
- Input for one signal encoder.

## TECHNICAL DATA

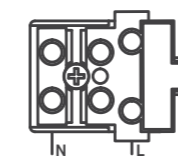
| Description                              | 230V<br>for one or 2 24 Vdc motors |
|--|------------------------------------|
| CODE                                     | SMART-D201                         |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                       |
| Maximum motor load (W)                   | 150W                               |
| Voltage: max intensity accessories (V/A) | 12Vdc / 1A                         |
| Voltage: Intensity signage lamp (V/A)    | 24Vdc / 6A                         |
| Voltage: Intensity courtesy light (V/A)  | -                                  |
| Waiting time regulation (s)              | 3 ÷ 300s                           |
| Courtesy time regulation (s)             | -                                  |
| Operating temperature (°C)               | -20 ÷ +60                          |
| Dimensions (mm)                          | 195 (W) x 275 (H) x 102 (D)        |
| Weight (kg)                              | 2,9                                |
| Protection level (IP)                    | IP55                               |
| Receiver frequency (MHz)                 | 433.92                             |
| Coding                                   | Standard Roller Code               |
| Memory capacity                          | 200 Codes                          |

## ACCESSORIES

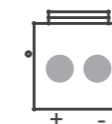


ASM01

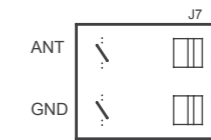
## CONNECTION



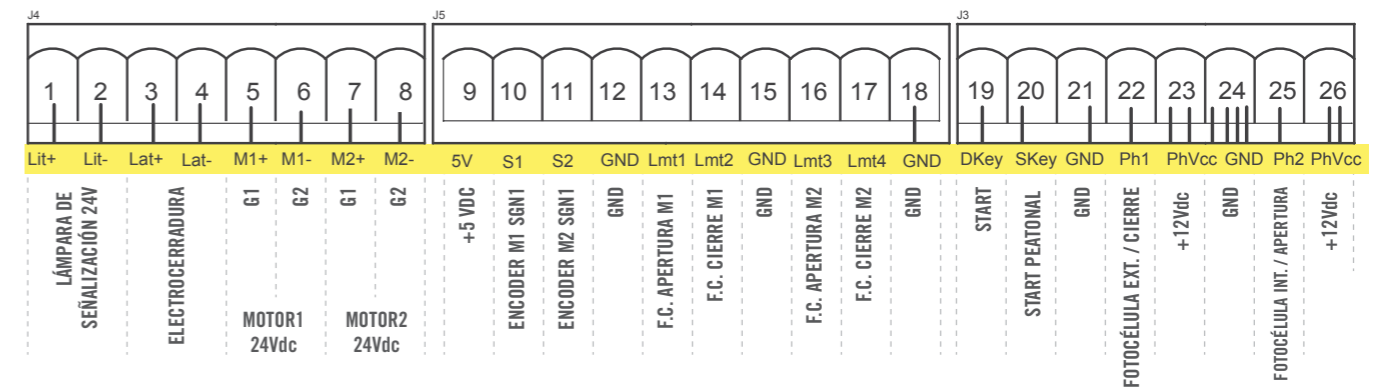
ALIMENTACIÓN  
230Vac



BATERÍA  
EMERGENCIA 24Vdc



ANTENA



# VIVO-D203

DIGITAL CONTROL PANEL FOR SWING, SLIDING AND UP & OVER DOORS WITH 24 VDC MOTORS 230VAC WITH POWER FOR 12VDC ELECTROLOCK



- Programming with 4 push buttons and 4-digit 7-segment display.
- Power supply for one motor (Swing gate, Sliding gate and Up & Over door) or two 24 Vdc motors (Swing gate).
- Power output for electrolock 12Vdc.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Management for start and pedestrian start via radio.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Connector for traffic light/brake management card
- Emergency battery unit input (AVI04).
- Power for voltage free signage lamp (for use in flashing lamps)
- Power for garage/courtesy light with adjustable time.
- Total and partial operating cycle counter.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via display and LED.
- Adjustable soft stop and operating speed.
- External safety input - closing and interior safety - opening.
- Testing the safety devices before each opening.
- Photocell Shadow Function on Closing (Up & Over).
- Dead man function and dead man on closing.
- Input for limit switches on opening and closing.
- Input for one or two signal encoder.
- Safety Edge Input (Mechanical or Resistive 8K2).
- Access password to limit programming changes.
- Predisposed for remote management system E-LINK
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one or 2 24 Vdc motors |
|--|--------------------------------------|
| CODE                                     | VIVO-D203                            |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                         |
| Maximum motor load (W)                   | 250W                                 |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,315A                       |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                            |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                            |
| Waiting time regulation (s)              | 3 ÷ 240s                             |
| Courtesy time regulation (s)             | 3 ÷ 240s                             |
| Operating temperature (°C)               | -20 ÷ +60                            |
| Dimensions (mm)                          | 235 (W) x 28g (H) x 119 (D)          |
| Weight (kg)                              | 3,05                                 |
| Protection level (IP)                    | IP55                                 |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1



AVI01-AVI02-AVI03

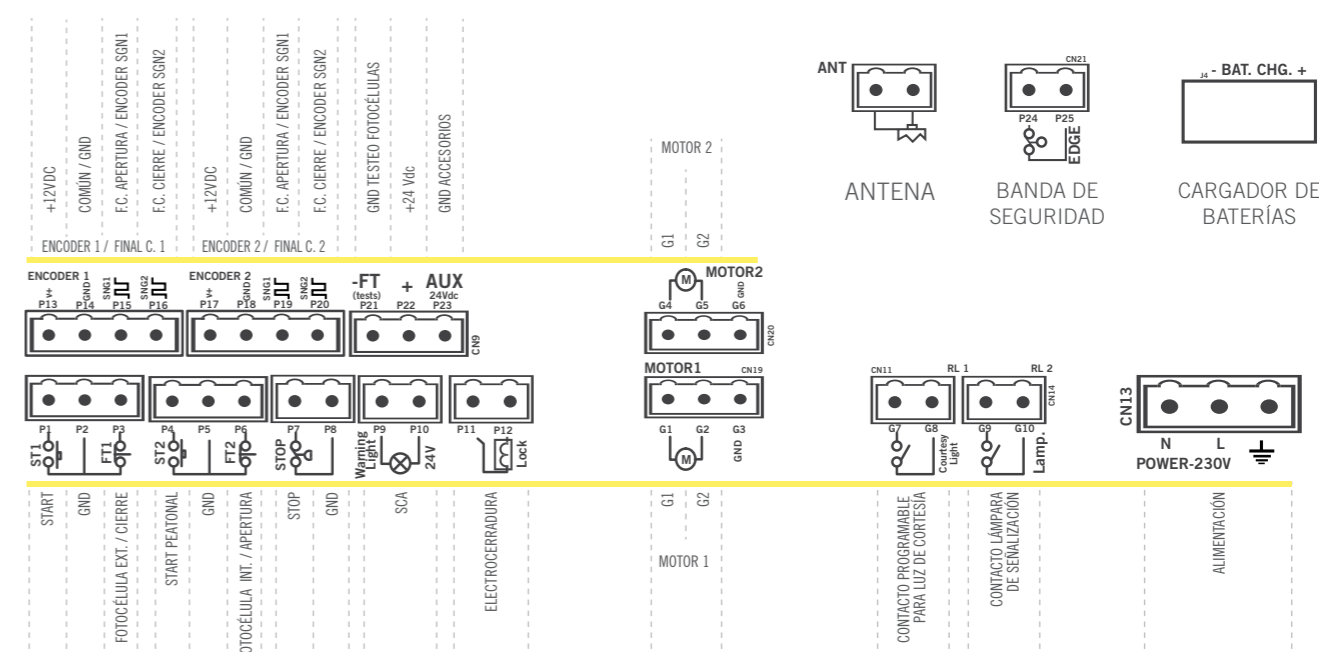


RSD-433



AVI04

## CONNECTION



# VIVO-M101 / -M201 / -M202



ANALOGUE CONTROL PANEL FOR SWING GATES 230VAC FOR 12VDC ELECTROLOCK



- Adjustment and programming via potentiometer and dip switch.
- Power supply for one (VIVO-M101) or two 230 Vac single-phase motors (VIVO-M201 / VIVO-M202).
- Power output for electrolock.
- Obstacle detection function with programmable threshold
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (Decoding fix code included).
- Management for start and pedestrian start via radio.
- Power for voltage free signage lamp (for use in flashing lamps).
- Power for garage/courtesy light with adjustable time.
- Connector for traffic light management card (VIVO-M101 / VIVO-M201).
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via LED.
- External safety input - closing and interior safety - opening.
- Input for limit switches on opening and closing (VIVO-M101).
- Managing 2 motors with independent brakes (VIVO-M202).
- Adjusting phase difference on adjustable closing (VIVO-M201 / VIVO-M202).
- Dead man function (VIVO-M101).
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC for one 230 Vac monophased motor | 230VAC for 2 230 Vac monophased motors | 230VAC for 2 230 Vac monophased motors with brake |
|--|---|--|---|
| CODE                                     | VIVO-M101                               | VIVO-M201                              | VIVO-M202   |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                            |  |   |
| Maximum motor load (W)                   | 600W                                    | 2 x 600W                               |   |
| Voltage: max intensity accessories (V/A) | 24Vac / 0,315A                          |  |   |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                               |  |   |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                               |  |   |
| Waiting time regulation (s)              | 3 ÷ 90 s                                |  |   |
| Courtesy time regulation (s)             | 3 ÷ 90 s                                |  |   |
| Operating temperature (°C)               | -20 ÷ +60                               |  |   |
| Dimensions (mm)                          | 235 (W) x 289 (H) x 119 (D)             |  |   |
| Weight (kg)                              | 1,86                                    | 1,86                                   | 1,90  |
| Protection level (IP)                    | IP55                                    |  |   |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1

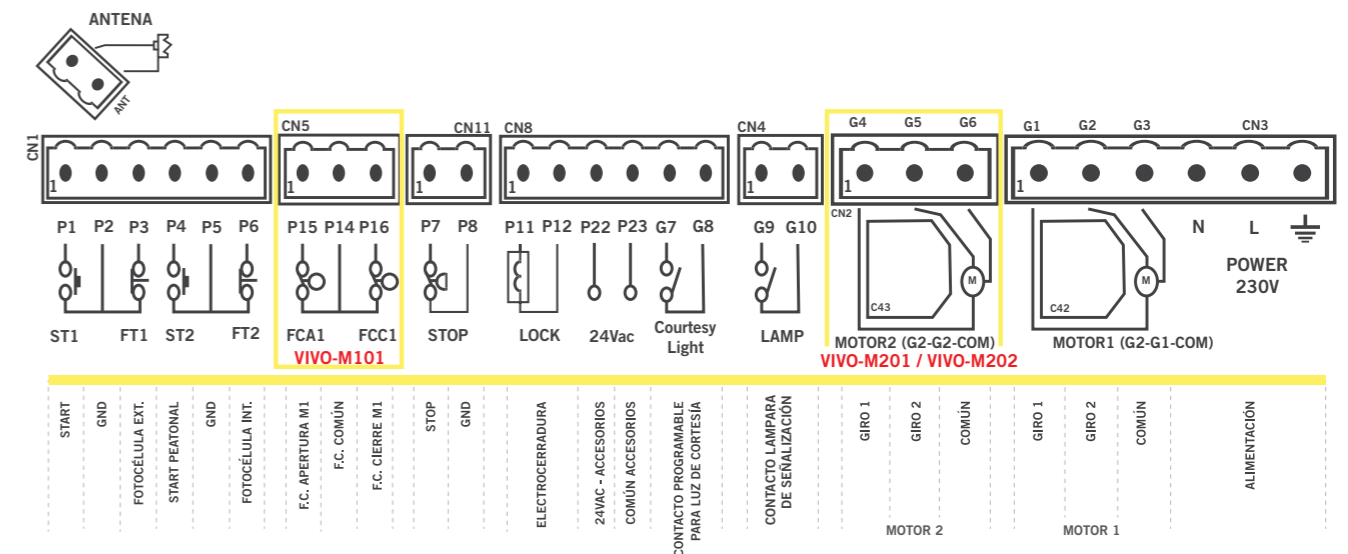


AVI01-AVI02-AVI03



RSD-433

## CONNECTION



# VIVO-M203 / -M204



CONTROL PANEL FOR SWING AND SLIDING GATES AND UP & OVER DOORS WITH 230 VAC SINGLE-PHASE MOTORS. 230 VAC DIGITAL WITH POWER FOR ONE2VDC ELECTROLOCK



- Programming with 4 push buttons and 4-digit 7-segment display.
- Power supply for one motor (Swing gate, Sliding gate and Up & Over door) or two 230 Vac single-phase motors (Swing).
- Power output for electrolock.
- Obstacle detection function with programmable threshold.
- Management for start and pedestrian start via radio.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (Decoding fix code included).
- Connector for traffic light management card.
- Power for voltage free signage lamp (for use in flashing lamps).
- Power for garage/courtesy light with adjustable time.
- Total and partial operating cycle counter.
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via display and LED.
- External safety input - closing and interior safety - opening.
- Testing the safety devices before each opening.
- Photocell Shadow Function on Closing (Up & Over).
- Dead man function and dead man on closing.
- Input for limit switches on opening and closing.
- Input for encoder 1 or 2 signals.
- Input for Safety Edge (Mechanical or Resistive 8K2).
- Access password to limit programming changes.
- Predisposed for remote management system E-LINK
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC para 1 o 2 motores monof. 230Vac | 230VAC para 1 o 2 motores monof. 230Vac c/freno |
|--|---|---|
|  | VIVO-M203                               | VIVO-M204                                       |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                            |   |
| Maximum motor load (W)                   | 2 x 600W                                |   |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,315A                          |   |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                               |   |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                               |   |
| Waiting time regulation (s)              | 3 ÷ 240 s                               |   |
| Regulación Tiempo Cortesía (s)           | 3 ÷ 240 s                               |   |
| Courtesy time regulation (s)             | -20 ÷ +60                               |   |
| Dimensions (mm)                          | 235 (W) x 289 (H) x 119 (D)             |   |
| Weight (kg)                              | 1,60                                    | 1,65  |
| Protection level (IP)                    | IP55                                    |   |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1

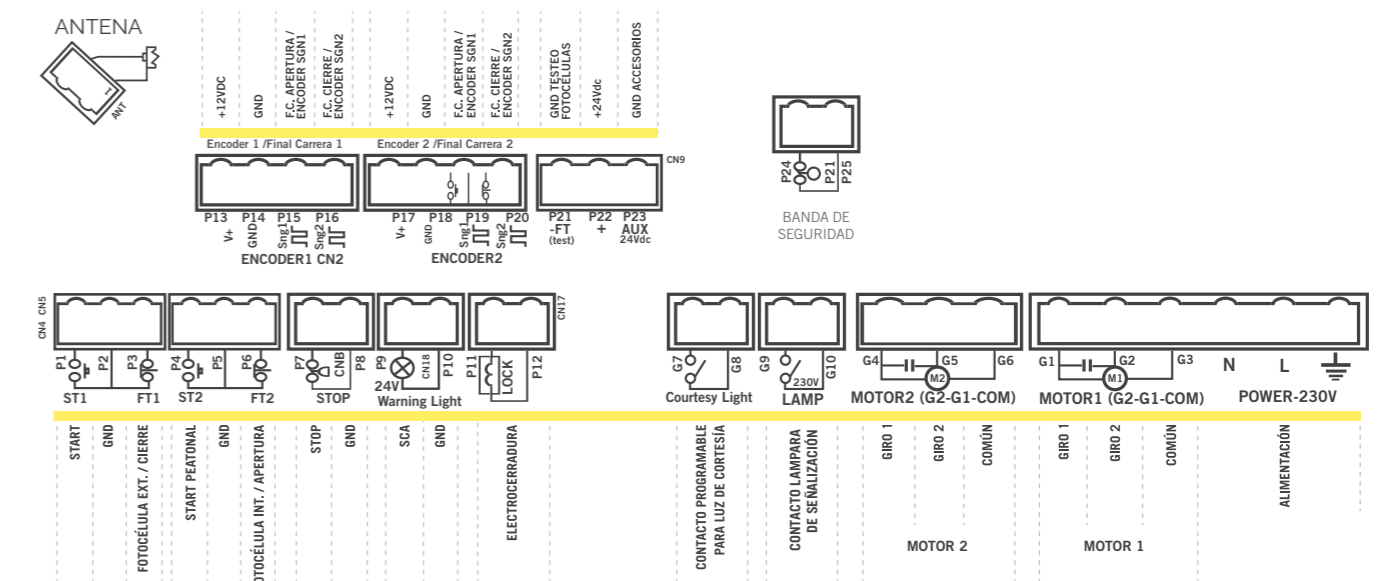


AVI01-AVI02-AVI03



RSD-433

## CONNECTION



# VIVO-I103 / -I203 / -I204

Vivo-I103 / -I203 / -I204 | Control Panels



**CONTROL PANEL FOR SWING AND SLIDING GATES AND UP & OVER DOORS**  
WITH 230 VAC SINGLE/THREE-PHASE DIGITAL MOTORS WITH INVERTER TECHNOLOGY  
WITH POWER FOR ONE 2VDC ELECTROLOCK



- Programming with 4 push buttons and 4-digit 7-segment display.
- Power supply for one motor (Swing gate, Sliding gate and Up & Over door) or two 230 Vac single/three-phase motors (Swing).
- Power output for electrolock.
- Obstacle detection function with programmable threshold.
- Management for start and pedestrian start via radio.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (Decoding fix code included).
- Connector for traffic light management card.
- Power for garage/courtesy light with adjustable time.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Total and partial operating cycle counter.
- Dynamic control of torque throughout all phases of the opening/closing cycle.
- Visualización del estado de las entradas mediante pantalla
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds
- External safety input - closing and interior safety - opening.
- Adjustable soft stop and operating speed.
- Testing the safety devices before each opening.
- Photocell Shadow Function on Closing (Up & Over).
- Dead man function and dead man on closing.
- Input for limit switches on opening and closing.
- Input for one or two signal encoder
- Safety Edge Input (Mechanical or Resistive 8K2).
- Access password to limit programming changes.
- Predisposed for remote management system E-LINK
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>For 1 single-phase/three-phase 230Vac motor | 230VAC<br>For 1 or 2 single-phase/three-phase 230Vac motors | 230VAC<br>For 1 or 2 single-phase/three-phase 230Vac motors with brake |
|--|---|---|--|
| CODE                                     | VIVO-I103   | VIVO-I203   | VIVO-I204  |
| Power supply (Vac/Hz)                    | 230V-50/60Hz  |   |  |
| Maximum motor load (W)                   | 750W  | 2 x 375W  |  |
| Voltage: max intensity accessories (V/A) | 12Vdc / 0,315A  |   |  |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A   |   |  |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A   |   |  |
| Waiting time regulation (s)              | 3 ÷ 240 s   |   |  |
| Courtesy time regulation (s)             | 3 ÷ 240 s   |   |  |
| Operating temperature (°C)               | -20 ÷ +60   |   |  |
| Dimensions (mm)                          | 235 (W) x 289 (H) x 119 (D)                           |   |  |
| Weight (kg)                              | 1,74  | 1,85  | 1,88   |
| Protection level (IP)                    | IP55  |   |  |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1

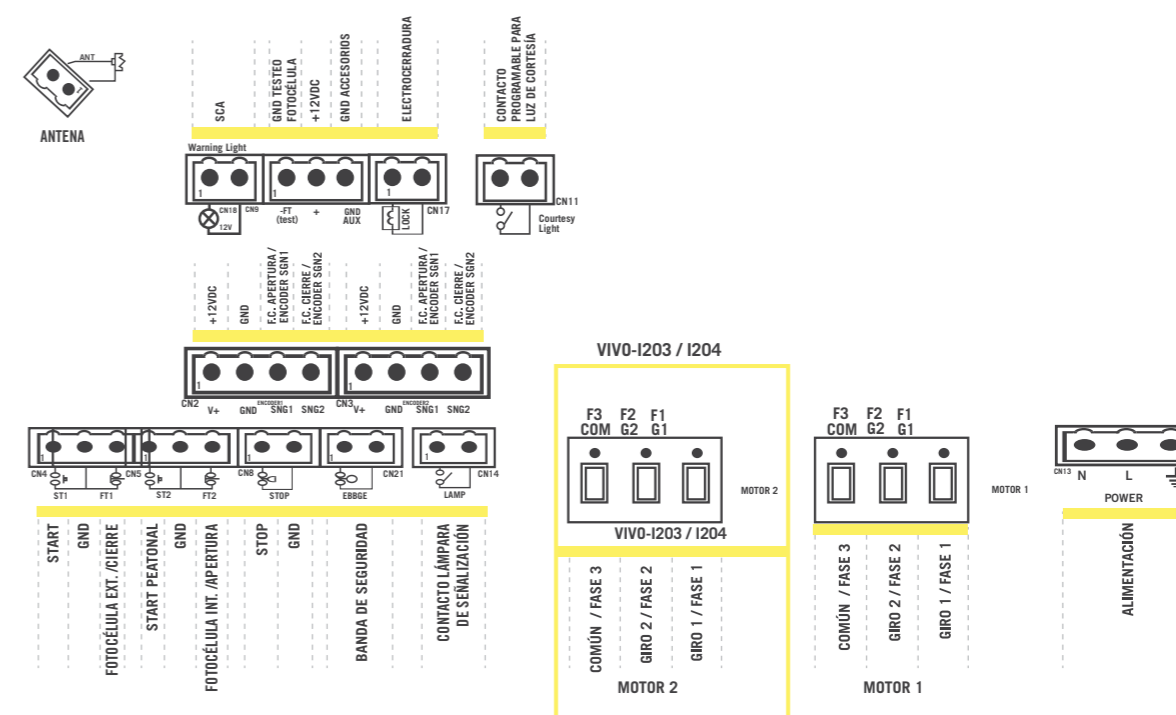


AVI01-AVI02-AVI03



RSD-433

## CONNECTION



# VIVO-D103



ANALOGUE CONTROL PANEL FOR UP & OVER DOORS AND SECTIONAL DOORS WITH 24 VDC MOTORS WITH LIMIT SWITCHES



- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 24 Vdc Swing gate motor.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Management for Open and Close via radio.
- Connector for radio receiver IRRE2 / IRRE2-250.
- Connector for traffic light management card.
- Power for voltage free signal lamp (for use in flashing lamps).
- Power for garage/courtesy light with 3-sec pulse
- Input for emergency battery (12V).
- Safety input on closing.
- Photocell Shadow Function on Closing.
- Input for limit switches on opening and closing.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via LED.
- Dead man function and dead man on closing.
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one motor 24 Vdc |
|--|--------------------------------|
| CODE                                     | VIVO-D103                      |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                   |
| Maximum motor load (W)                   | 250W                           |
| Voltage: max intensity accessories (V/A) | 24Vac / 0,315A                 |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                      |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                      |
| Waiting time regulation (s)              | 3 ÷ 90 s                       |
| Courtesy time regulation (s)             | 3 s                            |
| Operating temperature (°C)               | -20 ÷ +60                      |
| Dimensions (mm)                          | 235 (W) x 289 (H) x 119 (D)    |
| Weight (kg)                              | 3,07                           |
| Protection level (IP)                    | IP55                           |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1

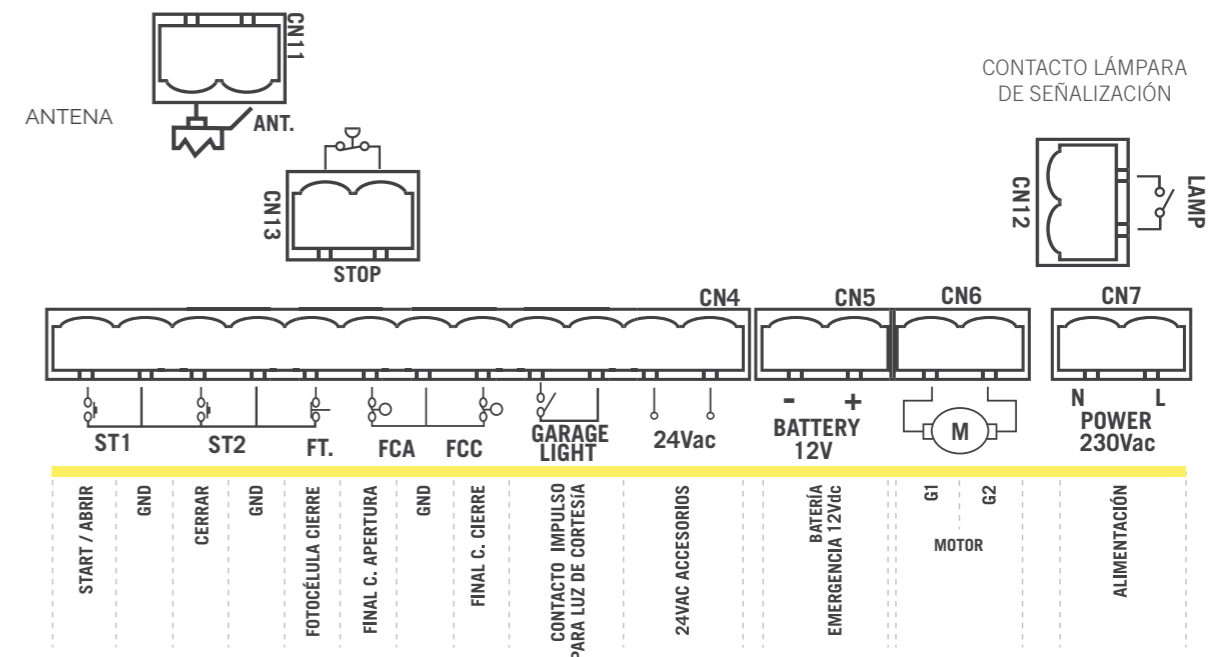


AVI01-AVI02-AVI03



13A089

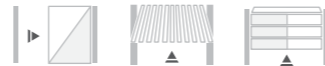
## CONNECTION



# AM600S / AM606S



ANALOGUE CONTROL PANEL FOR SLIDING GATES AND UP & OVER DOORS  
230VAC WITH LIMIT SWITCHES



- Adjustment and programming via potentiometer and dip switch.
- Power supply for one single-phase motor (AM600S) or one industrial 230 Vac single-phase motor (AM606S).
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Management for start and pedestrian start via radio.
- Power for 230 Vac signal (for use in flashing lamps).
- Input for limit switches on opening and closing.
- Power for garage/courtesy light with adjustable time.
- Connector for traffic light management card.
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds (AM600S).
- Input for one encoder signal (AM600S).
- Viewing input status via LED.
- Safety input on opening and safety on closing.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac<br>monophased motor |        |
|--|---|--------|
|  | AM600S  | AM606S |
| CODE                                     |   |        |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                                  |        |
| Maximum motor load (W)                   | 600W  | 1500W  |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0.35A                                 |        |
| Voltage: Intensity signage lamp (V/A)    | 230Vac / 5A                                   |        |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                                     |        |
| Waiting time regulation (s)              | 3 ÷ 90 s                                      |        |
| Courtesy time regulation (s)             | 3 ÷ 90 s                                      |        |
| Operating temperature (°C)               | -20 ÷ +60                                     |        |
| Dimensions (mm)                          | 235 (W) x 289 (H) x 119 (D)                   |        |
| Weight (kg)                              | 1,55  |        |
| Protection level (IP)                    | IP55  |        |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1

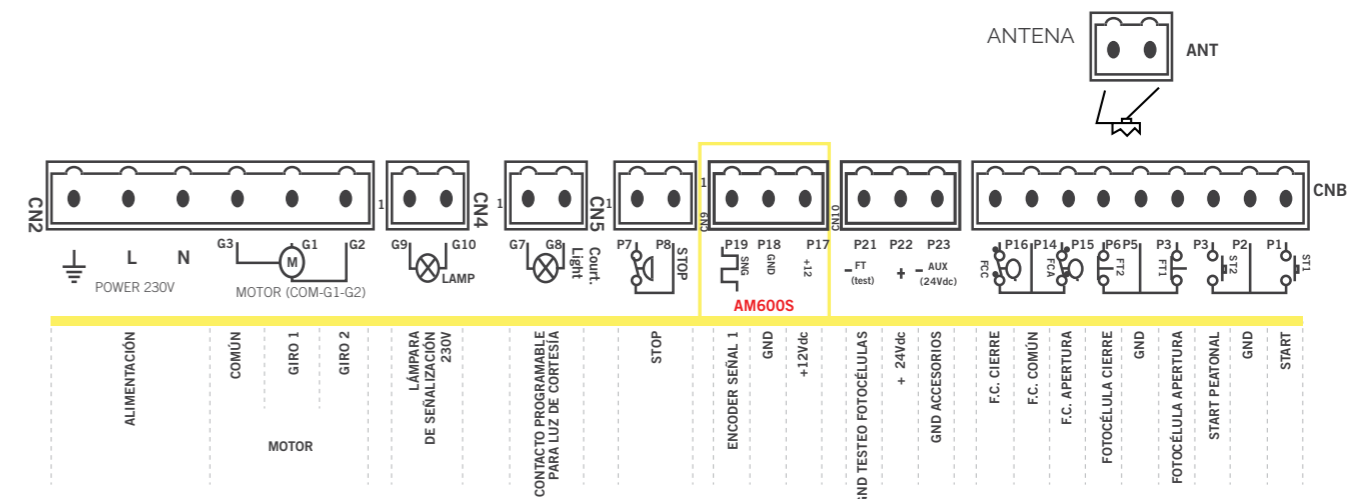


AVI01



RSD-433

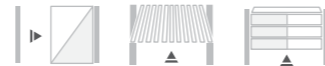
## CONNECTION



# VIVO-M101PT / -T101



ANALOGUE CONTROL PANEL FOR INDUSTRIAL GATES 230VAC AND 400VAC WITH LIMIT SWITCHES



- Adjustment and programming via potentiometer and dip switch.
- Power supply for 230 Vac industrial single-phase (VIVO-M101PT) or 230 / 400VAC three-phase (VIVO-T101) motor.
- Power outlet for electrolock 12V
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Management for start and pedestrian start via radio.
- Power for voltage free signage lamp (for use in flashing lamps).
- Power for garage/courtesy light with adjustable time.
- Connector for traffic light management card.
- Viewing input status via LED.
- Safety input on opening and safety on closing.
- Input for limit switches on opening and closing.
- Dead man function and dead man on closing.
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC for one 230 Vac monophased motor | 230VAC / 400V for 1 three-phase motor 230Vac / 400Vac |
|--|---|---|
| CODE                                     | VIVO-M101PT                             | VIVO-T101   |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                            | 3x230V / 400V - 50/60Hz                               |
| Maximum motor load (W)                   | 1500W                                   | 1500W   |
| Voltage: max intensity accessories (V/A) | 24Vac / 0,315A                          |   |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                               |   |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                               |   |
| Waiting time regulation (s)              | 3 ÷ 90 s                                |   |
| Courtesy time regulation (s)             | 3 ÷ 90 s                                |   |
| Operating temperature (°C)               | -20 ÷ +60                               |   |
| Dimensions (mm)                          | 235 (W) x 28g (H) x 119 (D)             |   |
| Weight (kg)                              | 2,11                                    |   |
| Protection level (IP)                    | IP55                                    |   |

## ACCESSORIES



IRRE2-250



EVRE2-250



AEPS1

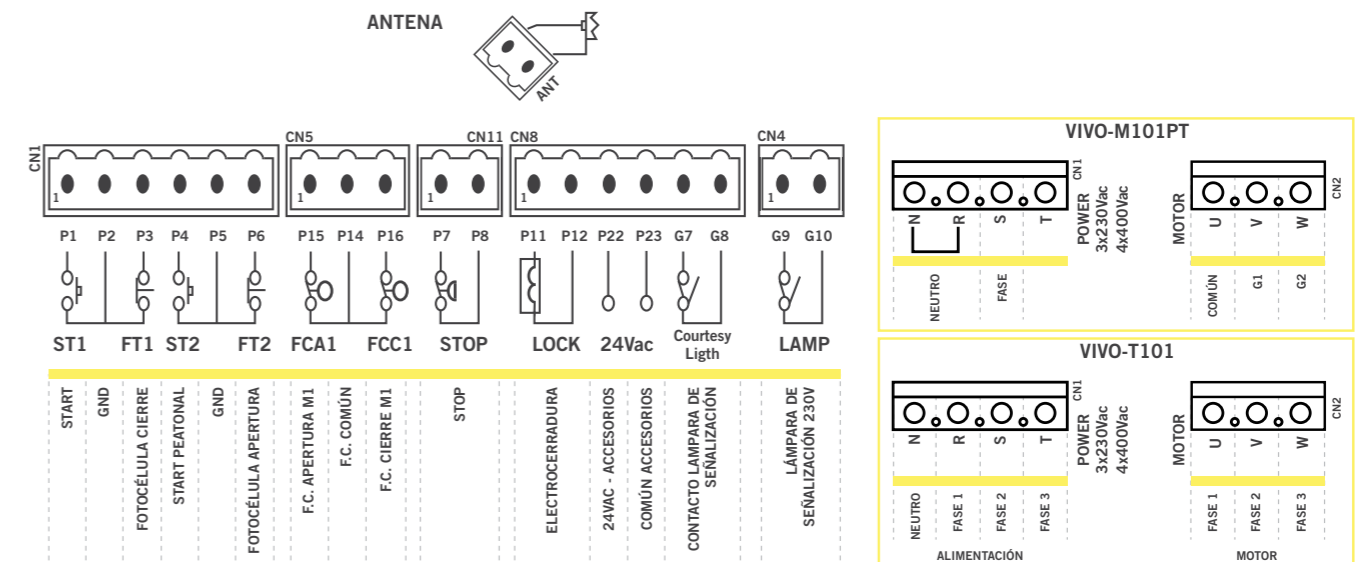


AVI01-AVI02-AVI03



RSD-433

## CONNECTION



# CLEVER01



ANALOGUE CONTROL PANEL FOR ROLLING SHUTTERS 230VAC WITH AUTOMATIC CLOSING



- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 230 Vac single- phase motor.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (Decoding fix code included).
- Viewing input status via LED.
- Input safety on closing
- Automatic closing with programmable time.
- Programmable operation time.
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased<br>motor |
|--|---|
| CODE                                     | <b>CLEVER01</b>                               |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                                  |
| Maximum motor load (W)                   | 1500W   |
| Voltage: max intensity accessories (V/A) | 24Vac / 0,315A                                |
| Voltage: Intensity signage lamp (V/A)    | -   |
| Voltage: Intensity courtesy light (V/A)  | -   |
| Waiting time regulation (s)              | 5 ÷ 140 s                                     |
| Courtesy time regulation (s)             | -   |
| Operating temperature (°C)               | -20 ÷ +60                                     |
| Dimensions (mm)                          | 141 (W) x 177 (H) x 69 (D)                    |
| Weight (kg)                              | 0,69  |
| Protection level (IP)                    | IP55  |

## ACCESSORIES



IRRE2-250

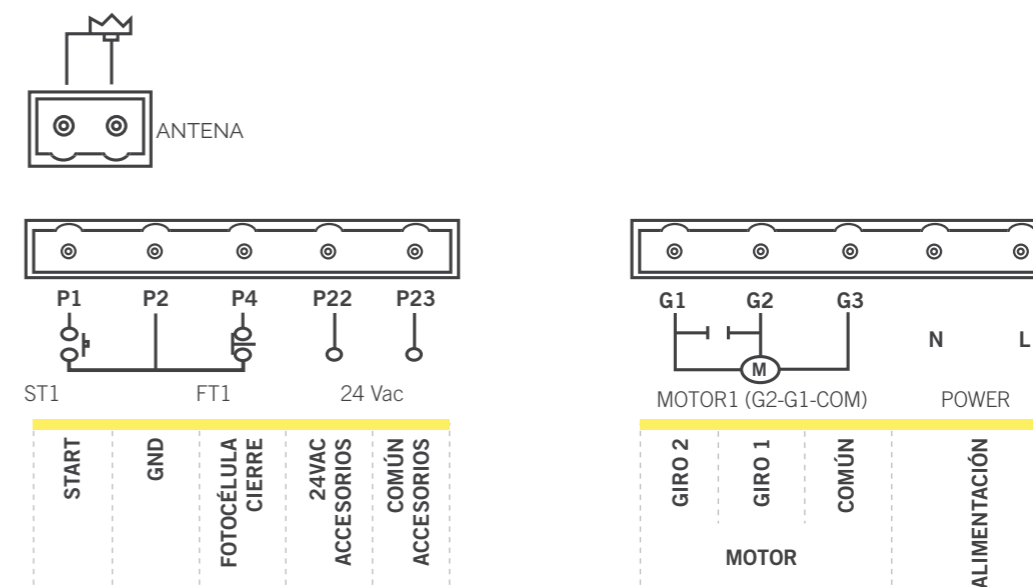


EVRE2-250



RSD-433

## CONNECTION



# CLEVER03 CLEVER03/868



ANALOGUE CONTROL PANEL FOR SLIDING GATES, UP & OVER DOORS AND ROLLING SHUTTERS 230V WITH LIMIT SWITCHES

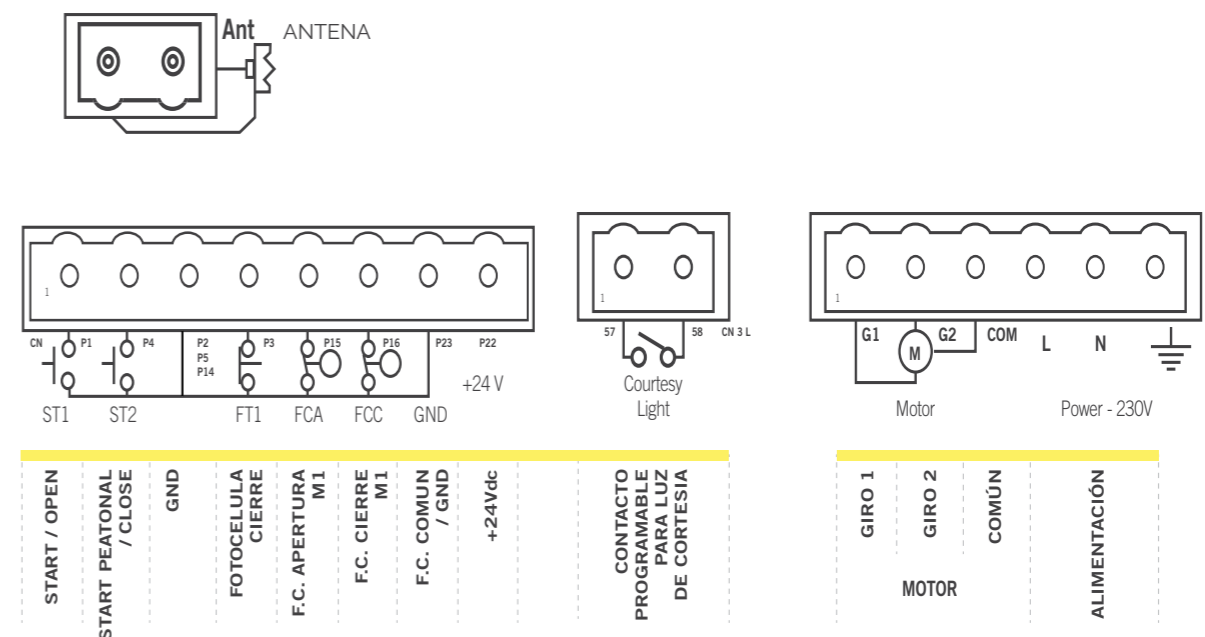


- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 230 Vac single- phase motor. (Sliding gate, up & over door or rolling shutter)
- Integrated 433.92MHz (CLEVER03) or 868.35 (CLEVER03 / 868) radio receiver (Fixed code and Roller code built-in decoding)
- Management for start and pedestrian start via radio.
- Soft stop for leave in the opening and closing phase to prevent noisy opening and closing and rebounds
- Viewing input status via LED
- Input safety on closing.
- Power for garage/courtesy light with adjustable time.
- Automatic closing with programmable time.
- Input for limit switches on opening and closing.
- Dead man function and dead man on closing.

## TECHNICAL DATA

| Description                              | 230VAC  | 230VAC                     |
|--|---|----------------------------|
|  | para 1 motor monof. 230Vac                            | para 1 motor monof. 230Vac |
| CODE                                     | CLEVER03  | CLEVER03/868               |
| Power supply (Vac/Hz)                    | 230V-50/60Hz  |                            |
| Maximum motor load (W)                   | 575W  |                            |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,200A  |                            |
| Voltage: Intensity signage lamp (V/A)    | -   |                            |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A   |                            |
| Waiting time regulation (s)              | 3 ÷ 90 s  |                            |
| Courtesy time regulation (s)             | 3 ÷ 90 s  |                            |
| Operating temperature (°C)               | -20 ÷ +60   |                            |
| Dimensions (mm)                          | 235 (W) x 289 (H) x 119 (D)                           |                            |
| Weight (kg)                              | 0.72  |                            |
| Protection level (IP)                    | IP55  |                            |
| Receiver frequency (MHz)                 | 433.92  | 868.35                     |
| Coding                                   | Fix trinary code Roller Code (Standard/ Personalized) |                            |
| Memory capacity                          | Fix trinary code: 1 code<br>Roller code: 25 codes     |                            |

## CONNECTION



# WISE01

ANALOGUE CONTROL PANEL FOR ROLLING SHUTTERS 230V WITH INTEGRATED RECEIVER AND DEAD-MAN CONTROL



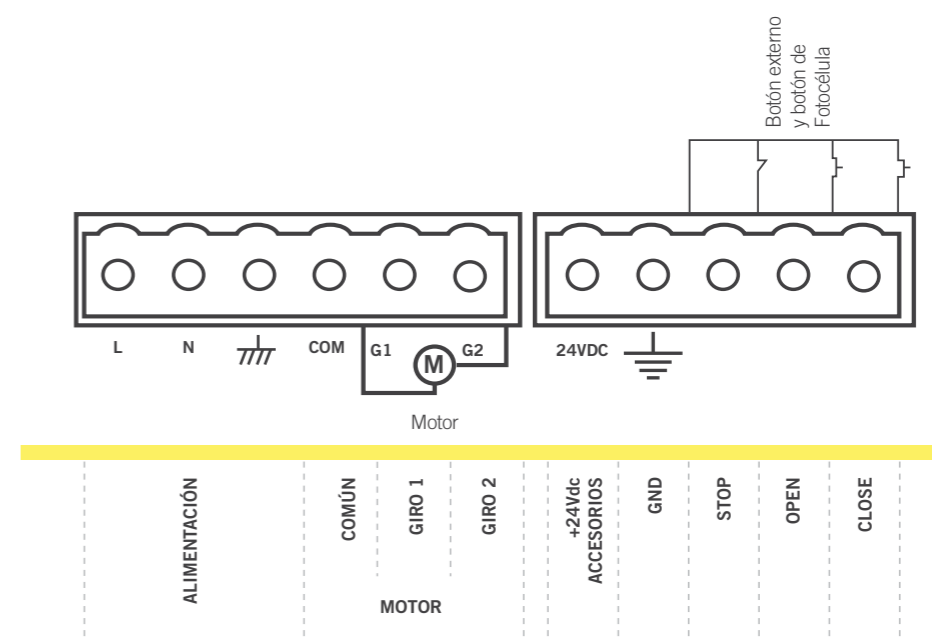
- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 230 Vac single- phase motor.
- Connector for up, stop and down
- Built-in 433.92 MHz radio receiver (built-in fixed code decoding)
- Buttons for up, stop and down located on the cover
- Present man function
- 24Vdc output for power supply the accessories



## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased<br>motor |
|--|---|
| CODE                                     | WISE02  |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                                  |
| Maximum motor load (W)                   | 1500W   |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,08A                                 |
| Voltage: Intensity signage lamp (V/A)    | -   |
| Voltage: Intensity courtesy light (V/A)  | -   |
| Waiting time regulation (s)              | -   |
| Courtesy time regulation (s)             | -   |
| Operating temperature (°C)               | -20 ÷ +60                                     |
| Dimensions (mm)                          | 113 (W) x 74 (H) x 44 (D)                     |
| Weight (kg)                              | 0,34  |
| Protection level (IP)                    | IP20  |

## CONNECTION





# INTEGRATED CONTROL PANELS

|                       |     |
|-----------------------|-----|
| DINGO-LINCE.....      | 126 |
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| PUMA-I.....           | 132 |
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| GO / GO PLUS.....     | 142 |
| OMNI.....             | 144 |

# DINGO-LINCE



DIGITAL BUILT-IN CONTROL PANEL FOR SLIDING DOOR FOR 24 VDC MOTORS 230VAC WITH ENCODER



INFO. MOTOR  
Dingo - PAGE. 36  
Lince - PAGE. 38



- Programming with 4 push buttons and 4-digit 7-segment display.
- Power supply for one 24 Vdc sliding gate motor.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Management for start and pedestrian start via radio.
- Connector for traffic light management card.
- Power for voltage free signal (for use in flashing lamps).
- Operation with encoder.
- Power for garage/courtesy light with adjustable time.
- Input for emergency battery charger ADO01 (LINCE) and ADN01 (DINGO).
- Total operating cycle counter.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via display and LED.
- Adjustable soft stop and operating speed.
- Safety input on closing and safety on opening.
- Testing the safety devices before each opening.

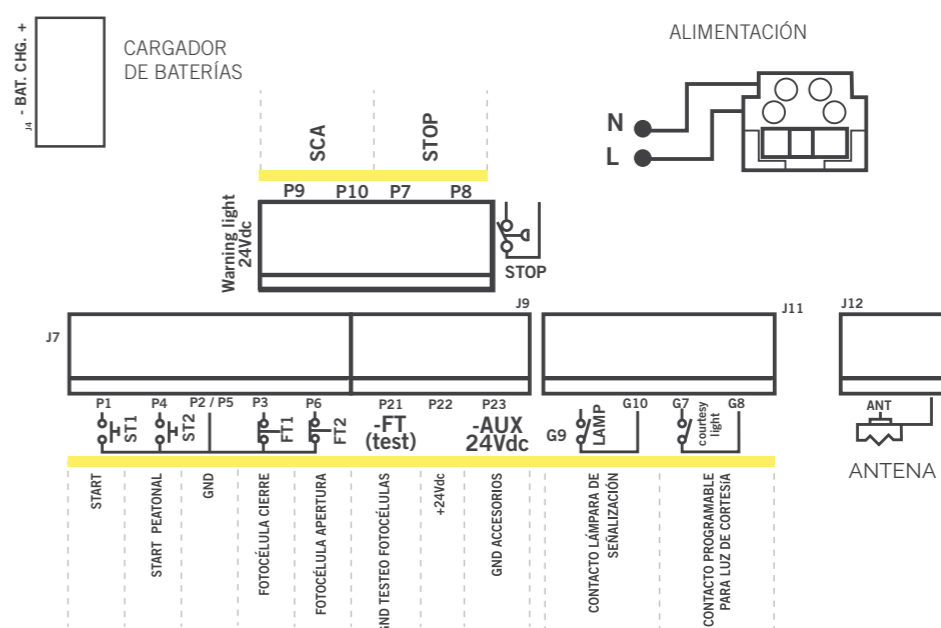
## TECHNICAL DATA

| Description                              | 230VAC<br>for one motor 24 Vdc |                 |
|--|--------------------------------|-----------------|
|  | DINGO<br>23B007                | LINCE<br>28B026 |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                   |                 |
| Maximum motor load (W)                   | 100W                           | 250W            |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,315A                 |                 |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                      |                 |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                      |                 |
| Waiting time regulation (s)              | 3 ÷ 240s                       |                 |
| Courtesy time regulation (s)             | 3 ÷ 240s                       |                 |
| Operating temperature (°C)               | -20 ÷ +60                      |                 |

## ACCESSORIES



## CONNECTION



# PYRENE



DIGITAL CONTROL PANEL FOR SWING GATES WITH 24 VDC MOTORS 230VAC WITH POWER FOR 24 VDC ELECTROLOCK



## INFO. MOTOR

Pyrene - PAGE. 26



- Programming with 4 push buttons and 4-digit 7-segment display.
- Power supply for one 24 Vdc sliding gate motor.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Management for start and pedestrian start via radio.
- 433.92MHz built-in radio receiver (Standard built-in Roller code decoded).
- Emergency battery unit input (ASMo1) with charger included.
- Power for 24 Vdc signage lamp (for use in fixed lamps).
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Adjustable soft stop and operating speed.
- External safety input - closing and interior safety - opening.
- Input for limit switches on opening and closing.
- Input for one signal encoder.

## TECHNICAL DATA

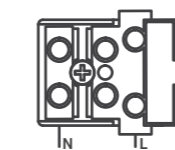
| Description                              | 230V<br>for one or 2 24 Vdc motors |
|--|------------------------------------|
| CODE                                     | <b>PYRENE<br/>SPY01</b>            |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                       |
| Maximum motor load (W)                   | 150W                               |
| Voltage: max intensity accessories (V/A) | 12Vdc / 1A                         |
| Voltage: Intensity signage lamp (V/A)    | 24Vdc / 6A                         |
| Voltage: Intensity courtesy light (V/A)  | -                                  |
| Waiting time regulation (s)              | 3 ÷ 300s                           |
| Courtesy time regulation (s)             | -                                  |
| Operating temperature (°C)               | -20 ÷ +60                          |
| Dimensions (mm)                          | 195 (W) x 275 (H) x 102 (D)        |
| Weight (kg)                              | 2,9                                |
| Protection level (IP)                    | IP55                               |
| Receiver frequency (MHz)                 | 433.92                             |
| Coding                                   | Standard Roller Code               |
| Memory capacity                          | 200 Codes                          |

## ACCESSORIES

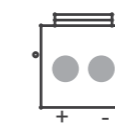
### ASMo1



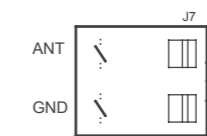
## CONNECTION



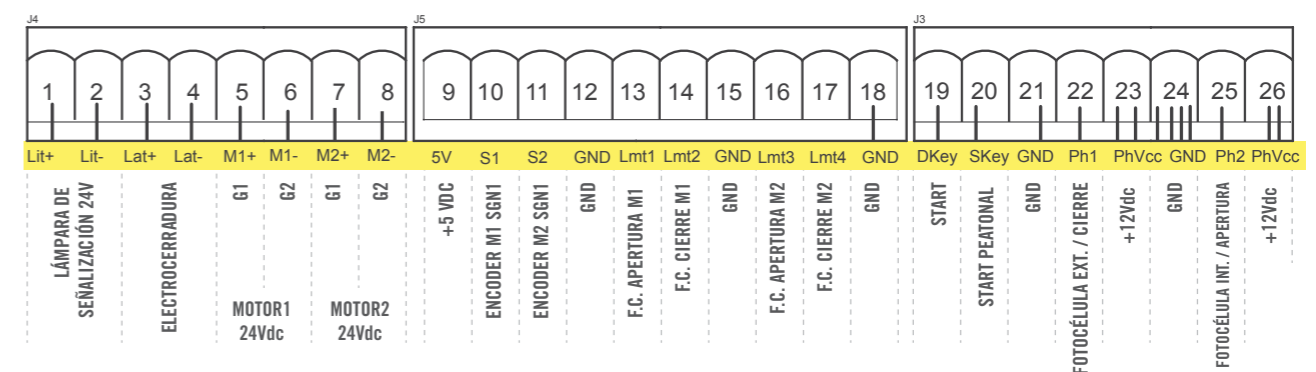
ALIMENTACIÓN  
230Vac



BATERÍA  
EMERGENCIA 24Vdc



ANTENA





## ANALOGUE BUILT-IN CONTROL PANEL FOR SLIDING GATES 230VAC WITH LIMIT SWITCHES AND ENCODER



INFO. MOTOR  
Puma - PAGE. 40



- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 230 Vac single- phase motor.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (Decoding fix code included).
- Obstacle detection function via encoder.
- Management for start and pedestrian start via radio.
- Power for 230 Vac signal (for use in flashing lamps).
- Sensor Hall Limit switches on opening and closing and input for limit switches on external opening and closing.
- Connector for traffic light management card.
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via LED.
- Safety input on closing.
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased motor |
|--|--|
| CODE                                     | <b>PUMA<br/>27B031</b>                     |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                               |
| Maximum motor load (W)                   | 600W                                       |
| Voltage: max intensity accessories (V/A) | 24Vac / 0.315A                             |
| Voltage: Intensity signage lamp (V/A)    | 230Vac / 5A                                |
| Voltage: Intensity courtesy light (V/A)  | -  |
| Waiting time regulation (s)              | 3 ÷ 90 s                                   |
| Courtesy time regulation (s)             | -  |
| Operating temperature (°C)               | -20 ÷ +60                                  |

## ACCESSORIES

IRRE2-250



EVRE2-250



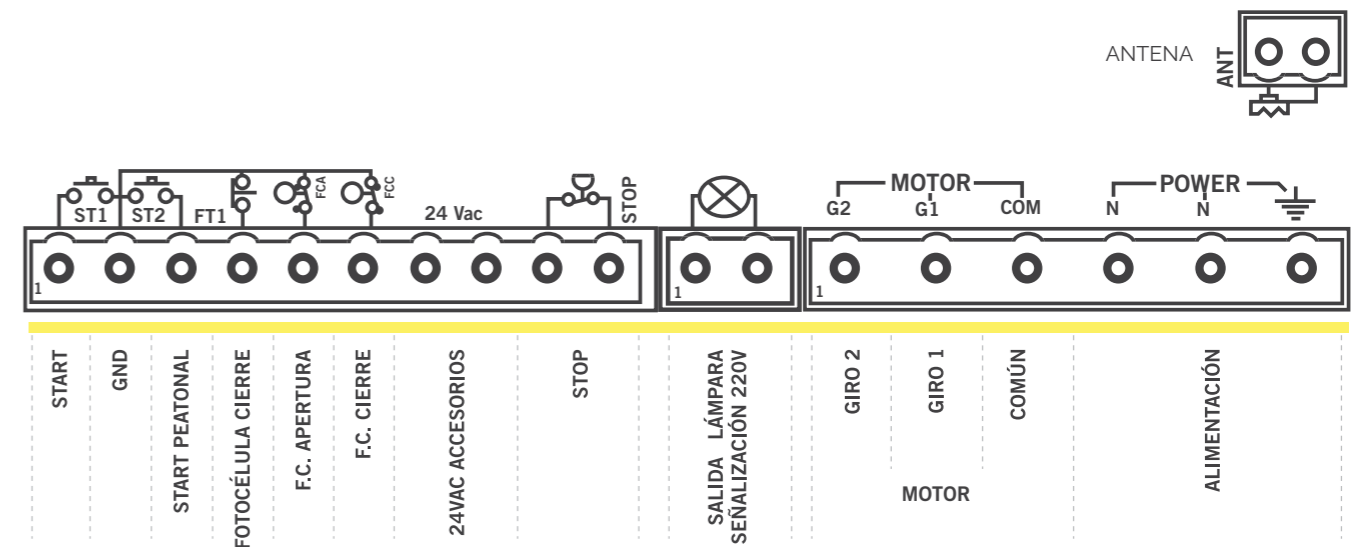
AEPS1



RSD-433



## CONNECTION



# PUMA-I



ANALOGUE BUILT-IN CONTROL PANEL FOR SLIDING GATES 230VAC WITH INVERTER TECHNOLOGY, LIMIT SWITCHES AND ENCODER



INFO. MOTOR  
Puma I - PAGE. 40



- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 230 Vac single- phase motor.
- Dynamic control of torque throughout all phases of the opening/closing cycle.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Obstacle detection function via encoder.
- Management for start and pedestrian start via radio.
- Power for voltage free signal (for use in flashing lamps).
- Sensor Hall Limit switches on opening and closing.
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via LED.
- Safety input on opening and safety on closing.
- On/off switch control panel.
- Fast version available.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased motor |
|--|--|
| CODE                                     | <b>PUMA-I<br/>27B036</b>                   |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                               |
| Maximum motor load (W)                   | 300W                                       |
| Voltage: max intensity accessories (V/A) | 12Vdc / 0,315A                             |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                                  |
| Voltage: Intensity courtesy light (V/A)  | -  |
| Waiting time regulation (s)              | 3 ÷ 90 s                                   |
| Courtesy time regulation (s)             | -  |
| Operating temperature (°C)               | -20 ÷ +60                                  |

## ACCESSORIES

IRRE2-250



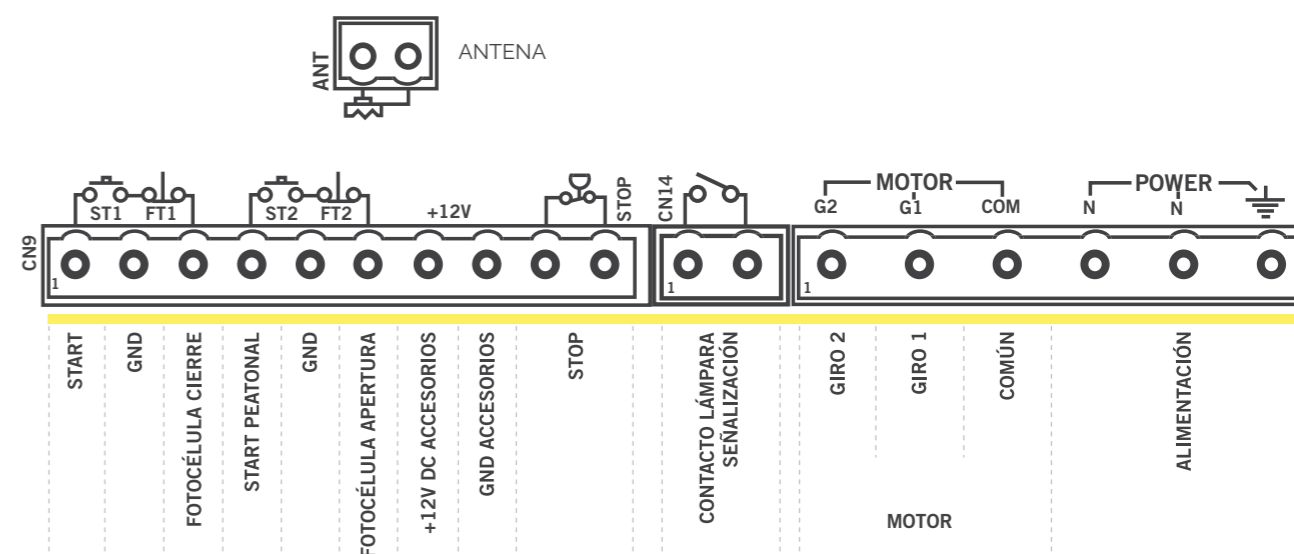
EVRE2-250



RSD-433



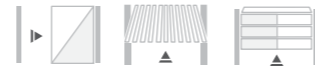
## CONNECTION



# RINO / TORO



ANALOGUE BUILT-IN CONTROL PANEL FOR SLIDING GATES 230VAC WITH LIMIT SWITCHES AND ENCODER (RINO)



INFO. MOTOR  
Rino - PAGE. 42  
Toro - PAGE. 44

- Adjustment and programming via potentiometer and dip switch.
- Power supply for one single-phase motor (RINO) or one industrial 230 Vac single-phase motor (TORO).
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code decoding included).
- Obstacle detection function via encoder (RINO).
- Management for start and pedestrian start via radio.
- Power for 230 Vac signal (for use in flashing lamps).
- Sensor Hall Limit switches on opening and closing and input for limit switches on opening and closing.
- Power for garage/courtesy light with adjustable time.
- Connector for traffic light management card.
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds (RINO).
- Viewing input status via LED.
- Selectable brake function.
- Safety input on opening and safety on closing.
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased<br>motor | 230VAC<br>for one 230 Vac monophased<br>motor |
|--|---|---|
| CODE                                     | RINO<br>26Bo77                                | TORO 1810EC<br>26B110                         |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                                  |   |
| Maximum motor load (W)                   | 600W  | 1500W   |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,35A                                 |   |
| Voltage: Intensity signage lamp (V/A)    | 230Vac / 5A                                   |   |
| Voltage: Intensity courtesy light (V/A)  | Libre / 5A                                    |   |
| Waiting time regulation (s)              | 3 ÷ 90 s                                      |   |
| Courtesy time regulation (s)             | 3 ÷ 90 s                                      |   |
| Operating temperature (°C)               | -20 ÷ +60                                     |   |

## ACCESSORIES

IRRE2-250



EVRE2-250



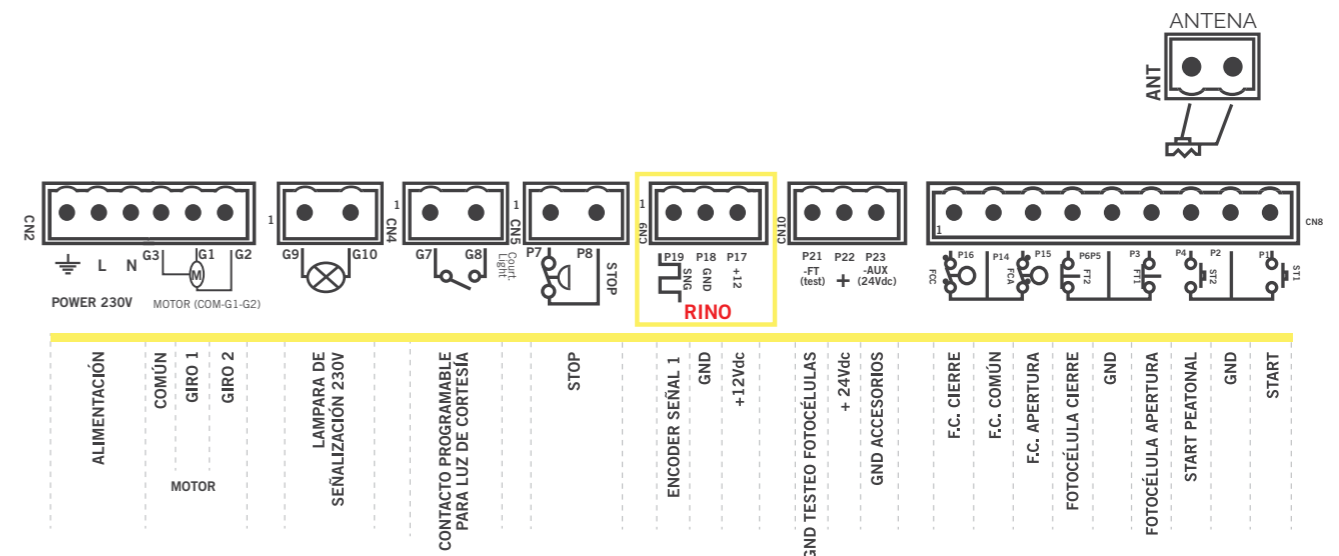
AEPS1



RSD-433



## CONNECTION



# RINO-I / TORO-I



DIGITAL BUILT-IN CONTROL PANEL FOR SLIDING GATES 230VAC WITH LIMIT SWITCHES



INFO. MOTOR  
Rino I - PAGE. 42  
Toro I - PAGE. 44



- Programming with 4 push buttons and 4 digit 7-segment display.
- Power supply for a single/three-phase motor (RINO-I) Or 230 Vac industrial single/three-phase motor (TORO-I).
- Dynamic control of torque throughout all phases of the opening/closing cycle.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (fix code DeCoding included).
- Obstacle detection function via encoder in RINO-I.
- Management for start and pedestrian start via radio.
- Power for voltage free signage lamp (for use in flashing lamps).
- Sensor Hall Limit switches on opening and closing and input for limit switches on external opening and closing.
- Power for garage/courtesy light with adjustable time.
- Connector for traffic light management card.
- Soft stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Total and partial operating cycle counter.
- Adjustable soft stop and operating speed.
- Testing the safety devices before each opening.
- External safety input - closing and interior safety - opening.
- Input for Safety Edge (Mechanical or Resistive 8K2).
- Viewing input status via display.
- Dead man function and dead man on closing.
- Access password to limit programming changes.
- On/off switch control panel.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased<br>motor | 230VAC<br>for one 230 Vac monophased<br>motor |
|--|---|---|
| CODE                                     | RINO-I<br>26B101                              | TORO-I<br>26B106                              |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                                  |   |
| Maximum motor load (W)                   | 500W  | 750W  |
| Voltage: max intensity accessories (V/A) | 12Vdc / 0.315A                                |   |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                                     |   |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                                     |   |
| Waiting time regulation (s)              | 3 ÷ 240 s                                     |   |
| Courtesy time regulation (s)             | 3 ÷ 240 s                                     |   |
| Operating temperature (°C)               | -20 ÷ +60                                     |   |

## ACCESSORIES

IRRE2-250



EVRE2-250



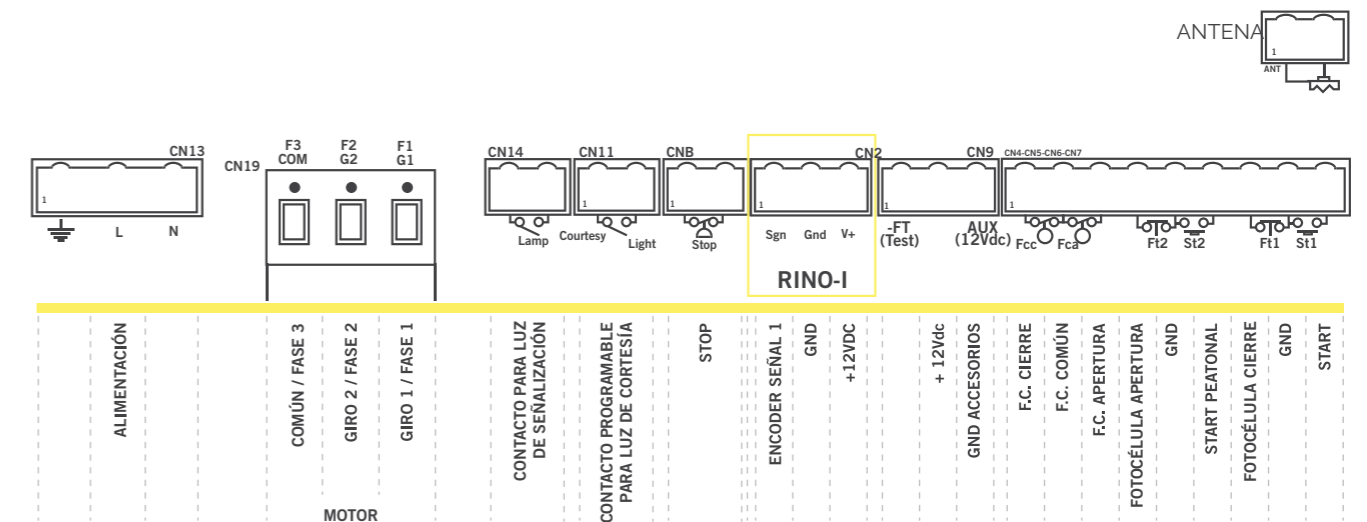
AEPS1



RSD-433



## CONNECTION





## ANALOGUE CONTROL PANEL FOR UP & OVER DOORS 230VAC WITH LIMIT SWITCHES AND ENCODER



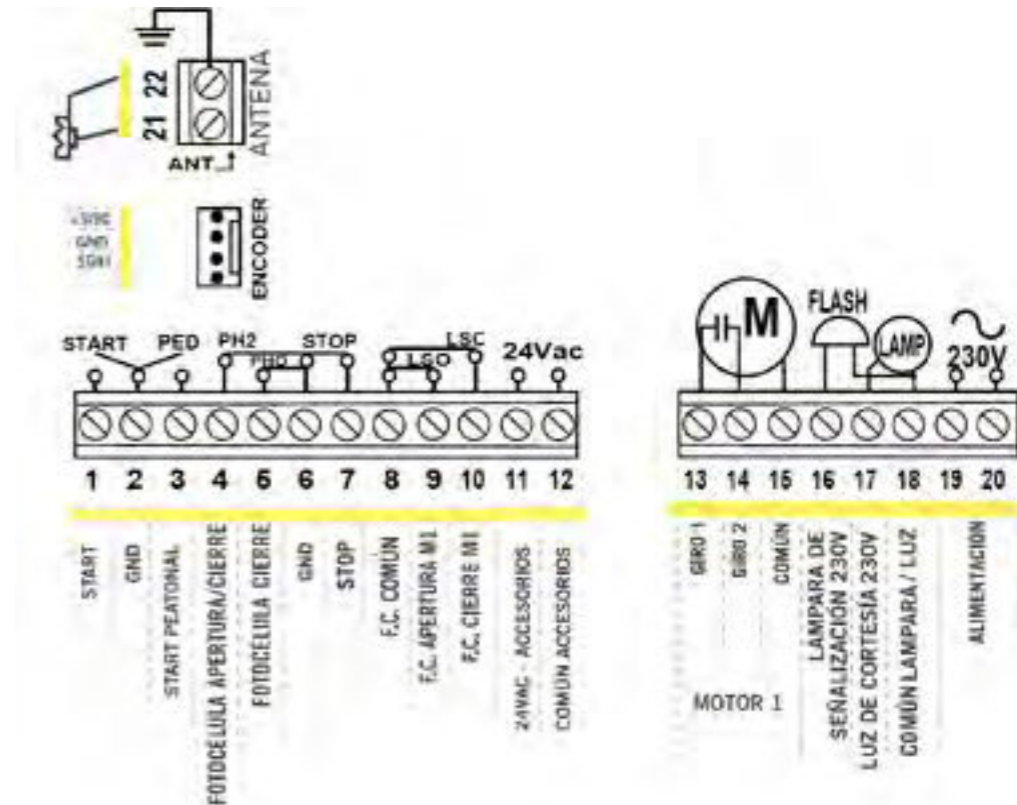
### INFO. MOTOR Hera - PAGE. 54

- Adjustment and programming via potentiometer and dip switch.
- Power supply for one 230 Vac single- phase motor.
- 433.92MHz built-in radio receiver (Standard built-in Roller code decoded).
- Management for start and pedestrian start via radio.
- Power for 230 Vac signal (for use in flashing lamps).
- Opening and closing and input for limit switches on external opening and closing.
- Built-in LED courtesy lamp 230V.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Obstacle detection function via encoder.
- Safety input on closing.
- Safety input opening and closing.

## TECHNICAL DATA

| Description                              | 230VAC<br>for one 230 Vac monophased motor |
|--|--|
| CODE                                     | HERA<br>SHE01                              |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                               |
| Maximum motor load (W)                   | 550W                                       |
| Voltage: max intensity accessories (V/A) | 24Vac / 0,250 A                            |
| Voltage: Intensity signage lamp (V/A)    | 230Vac /6 A                                |
| Voltage: Intensity courtesy light (V/A)  | 230Vac /8 A                                |
| Waiting time regulation (s)              | 5 ÷ 120 s                                  |
| Courtesy time regulation (s)             | 180 s                                      |
| Operating temperature (°C)               | -20 ÷ +70                                  |
| Receiver Frequency (MHz)                 | 433.92 / 868.35                            |
| Coding                                   | Standard Roller Code / Personalised        |
| Memory capacity                          | Roller Code: 254 codes                     |

## CONNECTION





## DIGITAL BUILT-IN CONTROL PANEL FOR UP & OVER AND SECTIONAL DOORS 230VAC WITH ENCODER



INFO. MOTOR  
Naos - PAGE. 62



- Programming with 4 push buttons and 2 digit 7 segment display.
- Power supply for one 24 Vdc up&over door / sectional door motor.
- Operation with encoder.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Built-in 433.92MHz radio receiver (Decoding included, Rolling code and Fix code).
- Power for 24 Vdc signal (for use in flashing lamps).
- Built-in LED courtesy lamp.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Total operating cycle counter.
- Input for emergency battery charger ADN01.
- Adjustable operation speed.
- Input safety on closing.
- Viewing input status via display.

## TECHNICAL DATA

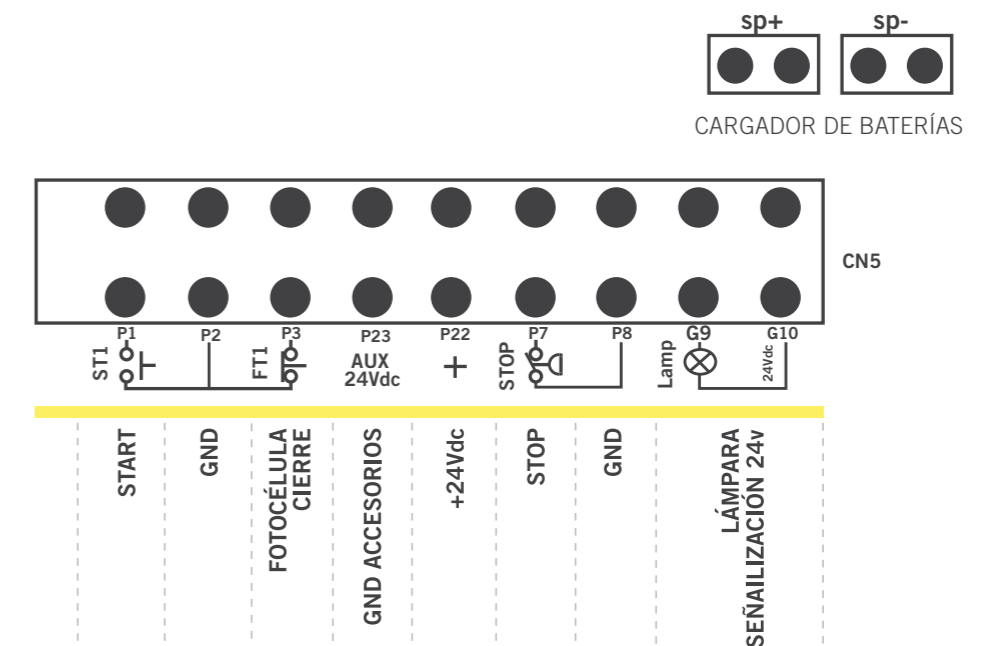
| Description                              | 230VAC<br>for one motor 24 Vdc                              | 230VAC<br>for one motor 24 Vdc |
|--|---|--------------------------------|
| CODE                                     | NAOS70<br>APNASR724   | NAOS100<br>APNASR724           |
| Power supply (Vac/Hz)                    | 230V-50/60Hz  |                                |
| Maximum motor load (W)                   | 100W  | 160W                           |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,315A  |                                |
| Voltage: Intensity signage lamp (V/A)    | 24Vdc / 0,150A  |                                |
| Voltage: Intensity courtesy light (V/A)  | 24Vdc / 0,2A (Integrada)                                    |                                |
| Waiting time regulation (s)              | 3 + 240 s   |                                |
| Courtesy time regulation (s)             | 180s  |                                |
| Operating temperature (°C)               | -20 ÷ +60   |                                |
| Receiver frequency (MHz)                 | 433.92  |                                |
| Coding                                   | Código Fijo Trinario - Roller Code Estándar / Personalizado |                                |
| Memory capacity                          | Código Fijo Trinario: 1 código - Roller Code: 20 códigos    |                                |

## ACCESSORIES

ADN01



## CONNECTION



# GO/GO PLUS



CONTROL PANEL FOR BRUSHLESS BARRIERS 24VDC DIGITAL 230VAC WITH LIMIT SWITCH



VER MOTOR:  
Go / Go plus- PAGE 86



- Programming via 4 push buttons and 2-digit 4-segment display
- Power supply for a Brushless barrier 24Vdc
- Obstacle detection function with programmable threshold amperometric sensor
- Digital and vectorial control of travel (digital encoder)
- Reference search limit switch input
- Option to separate opening and closing orders
- Traffic light management contact (red light at closing) or flashing lamp contact
- Security input locking
- Safety input locking with immediate locking

## TECHNICAL DATA

| Description                              | 230VAC for<br>1 Brushless motor 24Vdc |
|--|---------------------------------------|
| CODE                                     | GO- SGO12<br>GO PLUS- SGO01           |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                          |
| Maximum motor load (W)                   | 200W                                  |
| Voltage: max intensity accessories (V/A) | 12Vdc / 0,5A                          |
| Voltage: Intensity signage lamp (V/A)    | -                                     |
| Voltage: Intensity courtesy light (V/A)  | -                                     |
| Waiting time regulation (s)              | 1 ÷ 99 s                              |
| Courtesy time regulation (s)             | -                                     |
| Operating temperature (°C)               | -35 ÷ +70                             |

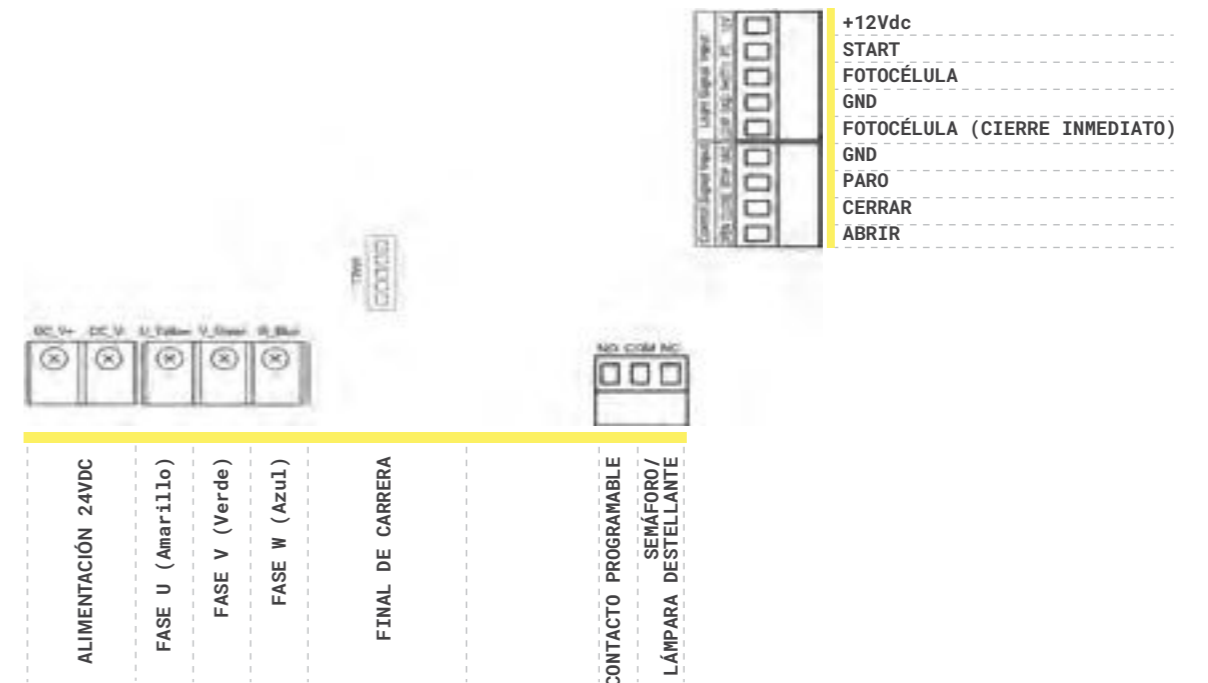
## ACCESSORIES

IRIN2S-250



100,00 €

## CONNECTION





## DIGITAL BUILT-IN CONTROL PANEL FOR BARRIERS WITH 24 VDC MOTORS 230VAC WITH ENCODER



INFO. MOTOR  
Omni - PAGE. 94



- Programming with 4 push buttons and 4 digit 7 segment display.
- Power supply for one 24 Vdc barrier.
- Obstacle detection function with amperometric sensor with programmable threshold.
- Connector for radio receiver IRRE2 / IRRE2-250 or RSD (DeCoding fix code included).
- Connector for traffic light management card.
- Power for voltage free signal (for use in flashing lamps).
- Operation with encoder.
- Power for garage/courtesy light with adjustable time.
- Input for emergency battery charger ADN01.
- Total operating cycle counter.
- Soft start and stop for leaves in the opening and closing phase to prevent noisy opening and closing and rebounds.
- Viewing input status via display and LED.
- Adjustable soft stop and operating speed.
- Input safety on closing.
- Testing the safety devices before each opening.

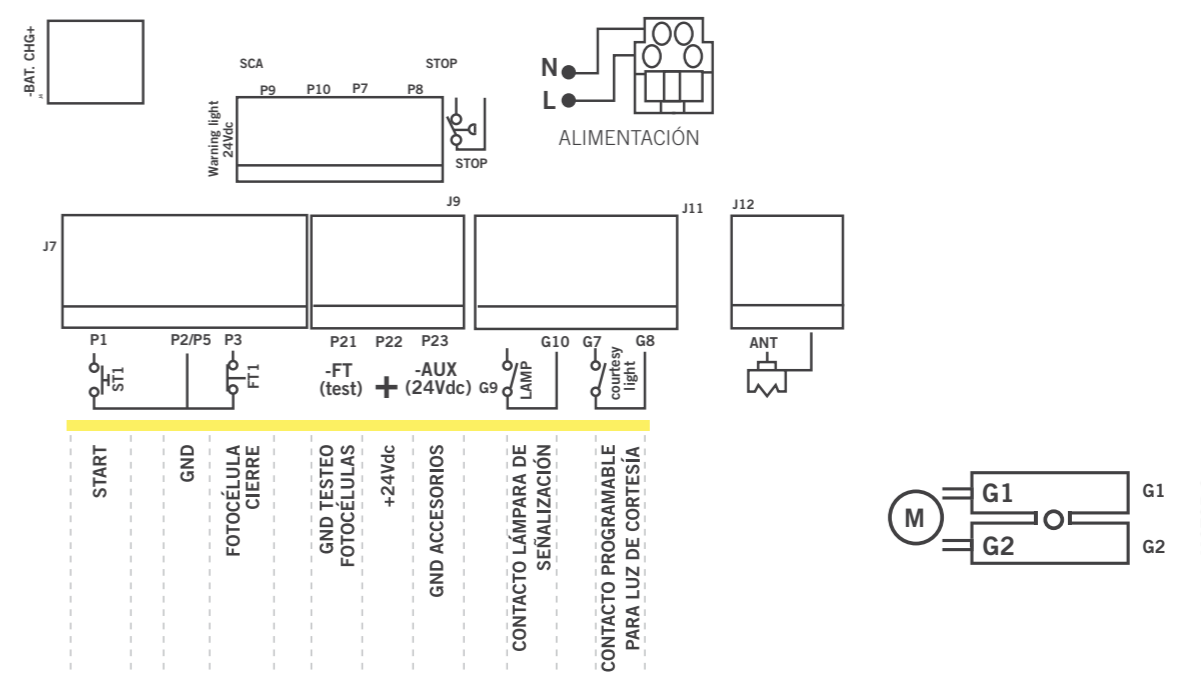
## TECHNICAL DATA

| Description                              | 230VAC<br>for one motor 24 Vdc |
|--|--------------------------------|
| CODE                                     | <b>OMNI<br/>13B164</b>         |
| Power supply (Vac/Hz)                    | 230V-50/60Hz                   |
| Maximum motor load (W)                   | 100W                           |
| Voltage: max intensity accessories (V/A) | 24Vdc / 0,315A                 |
| Voltage: Intensity signage lamp (V/A)    | Free / 5A                      |
| Voltage: Intensity courtesy light (V/A)  | Free / 5A                      |
| Waiting time regulation (s)              | 3 ÷ 240s                       |
| Courtesy time regulation (s)             | 3 ÷ 240s                       |
| Operating temperature (°C)               | -20 ÷ +60                      |

## ACCESSORIES



## CONNECTION





# RADIO RECEIVERS AND REMOTES

|                            |     |
|----------------------------|-----|
| TRANSMITTERS.....          | 150 |
| PLUG-IN RECEIVERS.....     | 152 |
| STAND ALONE RECEIVERS..... | 155 |
| PROBASES.....              | 159 |
| ACCESSORIES.....           | 160 |

# RADIO TRANSMISSION Y FRECUENCIAS

Radio transmission takes place within one of the so-called ISM frequency bands.

**These bands are useful for applications in the ISM (Industrial, Scientific and Medicine) sector.**

Therefore, it follows that the transmission cannot be exclusive and the interference in the frequency band cannot be totally excluded.

## 433 MHz

### 433 MHz:

The 433 MHz frequency band (frequency range 433.05 to 434.79 MHz) is the most widely used in the world.

The transmission time of radio transmitters with a transmission power of 1 mW is not limited, so continuous transmission is possible.

With higher transmission powers (10 mW), the duty cycle is 10% to minimise interference in this frequency band.

## 868 MHz

### 868 MHz:

The harmonised European frequency band of 868 MHz, subdivided into many sub-bands with variable Duty cycle, is ideal for more demanding tasks.

Due to lower interference, longer ranges and greater availability are possible.

ERREKA uses the frequency 868.35 MHz in the sub-band 868.0 to 868.6 MHz with a duty cycle of <1%.

## 315/345/426 / 915 MHz

### 315, 345, 426 y 915 MHz:

These frequencies are mainly found in America and parts of Asia (Japan, Hong Kong).

In Europe they are not approved.

\* Not all frequencies can be used everywhere.

# ASSEMBLY

When installing radio components there are always more and less favourable installation sites.

A useful tool to select a suitable site is the RSCAN frequency detector, which indicates the signal strength on a LED band display.

In general, the transmitter and the receiver must be placed in a straight line (shortest possible route) where direct transmission is not obstructed by brick walls or other insulation materials or, if so, this is negligible.

Only in this way can the signal fading be minimised, affecting your system's range.

You can use the following values as a guide:

| MATERIAL                      | RANGE     |
|-------------------------------|-----------|
| Air / open space              | 100%      |
| Wood, carton, plaster         | 80% - 95% |
| Brick, cement                 | 60% - 90% |
| Reinforced concrete           | 10% - 50% |
| Metallic coated / Metal fence | 0% - 10%  |

Do not install the receiver or antenna on the back of metal surfaces or in recesses / corners, as this produces frequency shadows.

The frequency shadow means that the signals are not received directly, but at best indirectly via reflections.

When installed on metal surfaces, a minimum distance of 0.1 mm must be maintained.

If you are installing a receiver near another receiver, respect a minimum distance of 1 m between both receivers.

The rod antenna or the antenna cord and the electronic receiver units of the ERREKA radiocontrol systems form an optimal optimised unit.

Changes such as extensions, reductions, flexing can reduce reception quality, in some cases quite considerably.

# TRANSMITTERS



## KUMA

TRANSMITTER FIXED CODE  
433.92 - 868.35 MHz  
FIX TRINARY CODE

- Transmission to fix trinary code
- Available in 433.92MHz and 868.35MHz version
- 2 and 3 buttons version
- Available in 20 units packs



|                       | KU02                     | KU03 | KU02/868 | KU03/868 |
|-----------------------|--------------------------|------|----------|----------|
| Frequency (MHz)       | 433.92                   |      | 868.35   |          |
| Coding                | Fix Trinary Code         |      |          |          |
| Colour                | Gris                     |      | Negro    |          |
| Buttons               | 2                        | 3    | 2        | 3        |
| Open Source Range (m) | 100-150*                 |      |          |          |
| Power Supply          | Alkaline 12V (23AE)      |      |          |          |
| Absorbed current (mA) | <10                      |      |          |          |
| Dimensions (mm)       | 36 (W) x 59 (H) x 13 (D) |      |          |          |

\* The range of the transmitters and the receivers' reception capacity may be affected by devices operating in the area with the same frequency.

## IRIS

ROLLER CODE TRANSMITTER  
433.92 - 868.35 MHz  
ROLLER CODE

- Transmission to Roller code
- Available in 433.92MHz and 868.35 MHz version.
- 2 and 4 buttons version
- Serialised at source
- Programmable via cable using IRPROGM manual console
- Possibility of programming, via IRPROGM replacement
- transmitters to replace transmitters previously memorised in the installation
- Available in 20 units packs



|                       | IR02                     | IR04 | IR02/868 | IR04/868 |
|-----------------------|--------------------------|------|----------|----------|
| Frequency (MHz)       | 433.92                   |      | 868.35   |          |
| Coding                | Roller code              |      |          |          |
| Colour                | Gris                     |      | Negro    |          |
| Buttons               | 2                        | 4    | 2        | 4        |
| Open space range (m)  | 100-150*                 |      |          |          |
| Power supply          | 2x Lithium 3V (CR2025)   |      |          |          |
| Absorbed current (mA) | <10                      |      |          |          |
| Dimensions (mm)       | 36 (W) x 59 (H) x 13 (D) |      |          |          |

\* The range of the transmitters and the receivers' reception capacity may be affected by devices operating in the area with the same frequency.

## IRIS EVO

EVO CODE TRANSMITTER  
433.92 MHz  
Evo Code

- Transmission to Evo Code
- Available in 433.92MHz version 2 and 4 buttons version
- Serialised at source
- Programmable via cable using IRPROGM manual console
- Possibility of programming, via IRPROGM, replacement transmitters to replace transmitters previously memorised in the installation
- Available in 20 units packs
- Uncopiable radio system with Evo-Code radiosystem



|                       | IR02EVO                  | IR04EVO |
|-----------------------|--------------------------|---------|
| Frequency (MHz)       | 433.92                   |         |
| Coding                | Evo code                 |         |
| Colour                | Gris                     |         |
| Buttons               | 2                        | 4       |
| Open space range (m)  | 100-150*                 |         |
| Power Supply          | 2x Lithium 3V (CR2025)   |         |
| Absorbed current (mA) | <10                      |         |
| Dimensions (mm)       | 36 (W) x 59 (H) x 13 (D) |         |

\* The range of the transmitters and the receivers' reception capacity may be affected by devices operating in the area with the same frequency

# PLUG-IN RECEIVERS



## RSD

RADIO MODULE  
433.92 - 868.35 MHz

- Compatible with all ERREKA devices equipped with internal Radio Coding systems



|                               | RSD-433                  | RSD-868 |
|-------------------------------|--------------------------|---------|
| Frequency (MHz)               | 433.92                   | 868.35  |
| Power supply                  | 5Vdc (Connector)         |         |
| Absorbed current Standby (mA) | 5 mA / 5 Vdc             |         |
| Sensitivity                   | ≥ -107 dBm               |         |
| Rolling temperature           | -20 ÷ +60°C              |         |
| Dimensions (mm)               | 42 (W) x 20 (H) x 10 (D) |         |
| Protection level (IP)         | Internal use             |         |

## LRRE1

PLUG-IN ROLLER CODE RECEIVER  
433.92  
ROLLER CODE

- Funcionamiento con emisores a Código Cambiante Roller Code
- 1 canal programable con lógica de funcionamiento monoestable
- Señalización de memoria llena
- Gestión de autoaprendizaje de los emisores vía radio
- Gestión emisor sustitutivo
- Posibilidad de memorizar 30 códigos diferentes en autoaprendizaje



|                           | LRRE1                   |
|---------------------------|-------------------------|
| Frecuencia (MHz)          | 433.92                  |
| Codificación              | Roller Code             |
| Alimentación              | 12Vdc (Conector)        |
| Absorción en Standby (mA) | 13 mA / 12Vdc           |
| Canales                   | 1                       |
| Logica Funcionamiento     | Monoestable             |
| Capacidad Memoria         | 30                      |
| Sensibilidad              | ≥ -107 dBm              |
| Temperatura de ionamiento | -20 ÷ +60°C             |
| Dimensiones (mm)          | 55 (W) x 33 (H) x 9 (D) |
| Grado de Proteccion (IP)  | Uso Interno             |

## IRRE2

PLUG-IN FIX CODE RECEIVER  
433.92  
FIX TRINARY CODE

- Operation with transmitters to Fix Trinary Code 2 programmable channels with monostable operating logic
- Community fix code management to establish the number of bits that the receiver must memorise.



|                               | IRRE2                                      |
|-------------------------------|--|
| Frequency (MHz)               | 433.92                                     |
| Coding                        | Fix trinary code                           |
| Power supply                  | 12Vdc (Conector)                           |
| Absorbed current Standby (mA) | 13 mA / 12Vdc                              |
| Channels                      | 2  |
| Operating logic               | Monoestable                                |
| Memory capacity               | 1 (Extendible up to 243 in community mode) |
| Sensitivity                   | ≥ -107 dBm                                 |
| Rolling temperature           | -20 ÷ +60°C                                |
| Dimensions (mm)               | 46 (W) x 37 (H) x 11 (D)                   |
| Protection level (IP)         | Internal use                               |

## IRRE2-250

PLUG-IN FIX CODE AND ROLLER CODE RECEIVER  
433.92 - 868.35 MHz  
FIX TRINARY CODE ROLLER CODE

- Operation with Fix trinary code or Roller code transmitters
- 2 programmable channels with monostable operation logic community management to establish the number of bits to be stored by the receiver (Fix Code)
- Sequential memorising of the transmitters (Roller code)
- Memory full signage (Roller code)
- Self-learning management of radio transmitters (Roller code)
- Replacement transmitter management (Roller code)
- Possibility of memorising 250 different codes in self-learning (extendible up to 1000 codes with interchangeable memory)
- Basic programming via receiver or advanced programming via IRPROGM programmer



|                               | IRRE2-250   | IRRE2-250/868 |
|-------------------------------|---|---------------|
| Frequency (MHz)               | 433.92  | 868.35        |
| Coding                        | Fix trinary code / Roller code  |               |
| Power supply                  | 12Vdc (Conector)  |               |
| Absorbed current Standby (mA) | 13 mA / 12Vdc   |               |
| Channels                      | 2   |               |
| Operating logic               | Monostable  |               |
| Memory capacity               | Fix code: 1 (Extendible up to 243 in community mode) Roller Code: 250 (Extendible up to 1000 with MEMO1000) |               |
| Sensitivity                   | ≥ -107 dBm  |               |
| Rolling temperature           | -20 ÷ +60°C   |               |
| Dimensions (mm)               | 46 (W) x 37 (H) x 22 (D)  |               |
| Protection level (IP)         | Internal use  |               |

# EVRE2-250

EVO CODE RECEIVER  
433.92  
EVO CODE



- Operation with Evo Code transmitters
- 2 programmable channels with monostable operation logic
- Sequential memorising of the transmitters (Evo Code)
- Memory full signage (Evo Code)
- Self-learning management of radio transmitters (Evo Code)
- Replacement transmitter management (Evo Code)
- 30 codes internal memory. Possibility of memorising 250 different codes in self-learning (extendible up to 1000 codes with interchangeable memory)
- Basic programming via receiver or advanced programming via IRPROGM programmer

|                               | EVRE2-250  |
|-------------------------------|--|
| Frequency (MHz)               | 433.92   |
| Coding                        | Evo Code   |
| Power supply                  | 12Vdc (Connector)  |
| Absorbed current Standby (mA) | 13 mA / 12Vdc  |
| Channels                      | 2  |
| Operating logic               | Monostable   |
| Memory capacity               | Internal memory 30 codes<br>Evo Code: 250 (Extendible up to 1000 with MEMO1000 ) |
| Sensitivity                   | ≥ -107 dBm   |
| Rolling temperature           | -20 ÷ +60°C  |
| Dimensions (mm)               | 46 (W) x 37 (H) x 22 (D)   |
| Protection level (IP)         | Internal use   |



# STAND ALONE RECEIVERS

## IRIN2S-250

FIX TRINARY CODE AND ROLLER CODE RECEIVERS  
433.92 - 868.35 MHZ  
FIX TRINARY CODE AND ROLLER CODE



- Operation with Fix trinary code or Roller code receiver with RSD radio module with connector that allows modification of the working frequency
- Receiver with RSD radio module with connector allowing the working frequency to be changed.
- 2 programmable channels with monostable, bistable or timed operating logic
- Community management to establish the number of bits that the receiver must memorise (Fix Code)
- Sequential memorising of transmitters (Roller code)
- Memory full signage (Roller code)
- Self-learning management of radio transmitters (Roller code)
- Substitute transmitter management (Roller Code)
- Replacement transmitter management Possibility of memorising 250 different codes in self-learning (extendible up to 1000 codes with interchangeable memory)
- Basic programming via receiver or advanced programming via IRPROGM programmer

|                                    | IRIN2S-250  | IRIN2S-250/868 |
|------------------------------------|---|----------------|
| Frequency (MHz)                    | 433.92  | 868.35         |
| Coding                             | Fix trinary code / Roller code  |                |
| Power supply                       | 12-24Vac / 10-36Vdc   |                |
| Absorbed current Standby (mA)      | 32 mA - 24Vdc   |                |
| Max. absorption with active relays | 70mA - 24Vdc  |                |
| Channels                           | 2 x NO and NC contact relays without power  |                |
| Contact relay                      | 1 A- 24 Vdc   |                |
| Operating logic                    | Monostable - Bistable - Timer (1 to 254s)   |                |
| Memory capacity                    | Fix code: 1 (Extendible up tp 243 in community mode) Roller Code: 250 (Extendible up to 1000 with MEMO1000) |                |
| Sensitivity                        | ≥ -107 dBm  |                |
| Rolling temperature                | -20 ÷ +60°C   |                |
| Dimensions (mm)                    | 105 (W) x 105 (H) x 35 (D)  |                |
| Protection level (IP)              | IPX4  |                |

# EVIN2S-250

EVO-CODE RECEIVER  
433.92  
EVO CODE



- Operation with Evo Code transmitters
- 2 programmable channels with monostable, bistable or timed operating logic.
- Sequential memorising of transmitters (Evo Code)
- Memory full signage (Evo Code)
- Self-learning management of radio transmitters (Evo Code)
- Replacement transmitter management (Evo Code)
- 30 codes internal memory
- Possibility of memorising 250 different codes in self-learning (extendible up to 1000 codes with interchangeable memory)
- Basic programming via receiver or advanced programming via IRPROGM programmer

EVIN2S/EVIN2S-250

|                                    |   |
|------------------------------------|---|
| Frequency (MHz)                    | 433.92  |
| Coding                             | Evo code  |
| Power supply                       | 12-24Vac / 10-36Vdc   |
| Absorbed current Standby (mA)      | 32 mA - 24Vdc   |
| Max. absorption with active relays | 70mA - 24Vdc  |
| Channels                           | 2x NO and NC contact relays without power                                       |
| Contact relay                      | 1 A- 24 Vdc   |
| Operating logic                    | Monostable - Bistable- Timer (1 to 254s)  |
| Memory capacity                    | 30 codes internal memory<br>Evo Code: 250 (Extendible up to 1000 with MEMO1000) |
| Sensitivity                        | ≥ -107 dBm  |
| Rolling temperature                | -20 ÷ +60°C   |
| Dimensions (mm)                    | 105 (W) x 105 (H) x 35 (D)  |
| Protection level (IP)              | IPX4  |

# IRIN4B-250

FIX TRINARY CODE AND ROLLER CODE  
433.92 - 868,35 MHZ  
FIX TRINARY CODE AND ROLLER CODE



- Operation with fix trinary code or Roller code transmitters.
- Receiver with RSD radio module with connector that allows modification of the working frequency.
- 4 programmable channels with monostable, bistable or timed operating logic.
- Community Management to establish the number of bits that the receiver must memorise (Fix code).
- Connection for magnetic key readers.
- Sequential memorising of transmitters (Roller code).
- Memory full signage (Roller code).
- Self-learning management of radio transmitters (Roller code)
- Replacement transmitter management (Roller code).
- Possibility of memorising 250 different codes in self-learning (extendible up to 1000 codes with interchangeable memory).
- Basic programming via receiver or advanced programming via IRPROGM programmer.

IRIN4B-250 | IRIN4B-250/868

|  |  |        |
|--|--|--------|
| Frequency (MHz)                                  | 433.92   | 868.35 |
| Coding   | Fix trinary code / Roller code   |        |
| Power supply                                     | 230Vac -50/60Hz ó 12-24Vac / 10-36Vdc  |        |
| Absorbed current Standby (mA)                    | <0,5A - 230Vac / 27 mA - 24Vdc   |        |
| Absorption in Standby with 2 Readers (mA)        | <0,5A - 230Vac / 52 mA - 24Vdc   |        |
| Max. absorption with active relays               | <0,5A - 230Vac / 425 mA - 24Vdc  |        |
| Max. Absorption with 2 Readers and Active Relays | <0,5A - 230Vac / 475 mA - 24Vdc  |        |
| Channels   | 4 x NO and NC contact relays without power   |        |
| Contact relay                                    | 5 A - 250 Vac  |        |
| Operating logic                                  | Monostable - Bistable - Timer (1 to 254s)  |        |
| Memory capacity                                  | Fix code: 1 (Extendible up to 243 in community mode)<br>Roller Code: 250 (Extendible up to 1000 with MEMO1000) |        |
| Sensitivity                                      | ≥ -107 dBm   |        |
| Rolling temperature                              | -20 ÷ +60°C  |        |
| Dimensions (mm)                                  | 141 (W) x 177 (H) x 69 (D)   |        |
| Protection level (IP)                            | IPX4   |        |



# EVIN4B-250

EVO CODE RECEIVERS  
433.92 MHZ  
EVO CODE



- Operation with Evo Code transmitters
- 4 programmable channels with monostable, bistable or timed operating logic
- Sequential memorising of transmitters (Evo Code)
- Memory full signage (Evo Code)
- Self-learning management of radio transmitters (Evo Code)
- Replacement transmitter management (Evo Code)
- 30 codes internal memory
- Possibility of memorising 250 different codes in self-learning (extendible up to 1000 codes with interchangeable memory)
- Basic programming via receiver or advanced programming via IRPROGM programmer

|  | EVIN4B-250  |
|--|---|
| Frequency (MHz)                                  | 433.92  |
| Coding   | Evo Code  |
| Power supply                                     | 230Vac -50/60H ó 12-24Vac / 10-36Vdc  |
| Absorbed current Standby (mA)                    | <0,5A - 230Vac / 27 mA - 24Vdc  |
| Absorption in Standby with 2 Readers (mA)        | <0,5A - 230Vac / 52 mA - 24Vdc  |
| Max. absorption with active relays               | <0,5A - 230Vac / 425 mA - 24Vdc   |
| Max. Absorption with 2 Readers and Active Relays | <0,5A - 230Vac / 475 mA - 24Vdc   |
| Channels   | 4 relays with contacts NA y NC, without power                                   |
| Contact relay                                    | 5 A - 250 Vac   |
| Operating logic                                  | Monostable - Bistable- Timer (1 to 254s)  |
| Memory capacity                                  | 30 codes internal memory<br>Evo Code: 250 (Extendible up to 1000 with MEMO1000) |
| Sensitivity                                      | ≥ -107 dBm  |
| Rolling temperature                              | -20 ÷ +60°C   |
| Dimensions (mm)                                  | 141 (W) x 177 (H) x 69 (D)  |
| Protection level (IP)                            | IPX4  |

# PROBASES



## BASE12410

INTERFACE RELAY FOR BASE12410  
SUPPLY 12-24VAC/DC



- Enables the use of a plug-in receiver in installations not equipped with radio connector - connection via cable
- 1 programmable channel with monostable operating logic

|                                   | BASE12410                                    |
|-----------------------------------|--|
| Power supply                      | 12 o 24Vac/dc                                |
| Absorbed current Standby (mA)     | 26mA - 24Vdc                                 |
| Max absorption with active relays | 40mA - 24Vdc                                 |
| Channels                          | 1 relay with contacts NA y NC, without power |
| Contact relay                     | 1 A- 24 Vdc                                  |
| Operating logic                   | Monostable                                   |
| Rolling temperature               | -20 ÷ +60°C                                  |
| Dimensions (mm)                   | 80 (W) x 35 (H) x 20 (D)                     |
| Protection level (IP)             | Internal use                                 |

## TAGBASE-250

INTERFACE RELAY FOR PLUG-IN  
RECEIVER  
POWER SUPPLY 230VAC O 12-  
24VAC/DC



- Enables the use of a plug-in receiver in installations not equipped with radio connector - connection via cable
- 2 programmable channels with monostable, bistable or timed operating logic
- Connection for TAG key readers (Max. 2 readers)
- Sequential memorising of keys / cards (TAG)
- Memory Full signage (TAG)
- Possibility of memorising 250 different key / card TAG codes in self-learning (extendible up to 1000 codes with interchangeable memory)
- Basic programming via receiver or advanced programming via IRTAGPROG programmer / software

|  | TAGBASE-250                                   |
|--|---|
| Coding   | TAG   |
| Power supply                                     | 230Vac -50/60H ó 12-24Vac / 10-36Vdc          |
| Absorbed current Standby (mA)                    | <0,5A - 230Vac / 26 mA - 24Vdc                |
| Absorption in Standby with 2 Readers (mA)        | <0,5A - 230Vac / 75 mA - 24Vdc                |
| Max. absorption with active relays               | <0,5A - 230Vac / 52 mA - 24Vdc                |
| Max. Absorption with 2 Readers and Active Relays | <0,5A - 230Vac / 115 mA - 24Vdc               |
| Channels   | 2 relays with contacts NA y NC, without power |
| Contact relay                                    | 5 A - 250 Vac                                 |
| Operating logic                                  | Monostable - Bistable - Timer (1 to 254s)     |
| Rolling temperature                              | -20 ÷ +60°C                                   |
| Dimensions (mm)                                  | 141 (W) x 177 (H) x 69 (D)                    |
| Protection level (IP)                            | IPX4  |

# ACCESSORIES



## KRAET

OUTDOOR ANTENNA WITH PROTECTIVE COVER FOR RECEIVERS WITH 4M LONG RG-58 CABLE



### FREQUENCY DETECTOR

|                 | KRAET     |
|-----------------|-----------|
| Frequency (MHz) | 433 ÷ 868 |
| Impedance (Ohm) | 50        |
| Gain (db)       | 2,1       |

## IRPROGM

PORTABLE PROGRAMMING DEVICE WITH ROLLER CODE SYSTEM / EVO CODE



- Possibility to program Roller code memories and transmitters.
- Allows you to change the code assigned to the Roller code transmitter and pre-assign the codes in memory to be programmed according to the requirements.
- Allows you to quickly enable a new user thanks to the possibility of automatically generating a series of correlative codes and downloading them to the receiver.
- To enable a new user, you just need to program a programmable transmitter with one of these codes already present in memory.
- Allows you to generate a substitute transmitter that has been previously memorised in a receiver

|                       | IRPROGM                   |
|-----------------------|---------------------------|
| Coding                | Roller Code / Evo Code    |
| Power supply          | Alkaline 9V ( 6LR61 )     |
| Rolling temperature   | -20 ÷ +60°C               |
| Dimensions (mm)       | 80 (W) x 120 (H) x 38 (D) |
| Protection level (IP) | Internal use              |

## IRTAGPROG

PC TERMINAL WITH INSTALLATION MANAGEMENT SOFTWARE WITH TAG AND ROLLER CODE / EVO CODE SYSTEM



- Possibility of programming memories, keys and TAG cards and Roller Code / Evo Code transmitters.
- Allows for the orderly archiving of installations carried out on the PC.
- Allows the printing of all information on users, transmitters, receivers, installations.
- Allows you to change the code assigned to a key or TAG card or Roller Code transmitter and to pre-assign the codes in the memory for programming according to your needs.
- It allows a new user to be quickly enabled thanks to the possibility of automatically generating a series of correlative codes and downloading them to the receiver.
- To enable a new user, it will be sufficient to program a programmable transmitter with one of these codes already in memory.
- Allows to generate a substitute transmitter that has been previously stored in a receiver.

|                       | IRTAGPROG   |
|-----------------------|---|
| Coding                | Roller Code / TAG / Evo Code                        |
| Frequency (MHz)       | 125 KHz   |
| Power supply          | External 12 Vdc (Power Supply 100-240 Vac 50/60 Hz) |
| Absorbed current      | <150mA  |
| PC communication      | Standard RS232 (Interface USB)                      |
| Rolling temperature   | -20 ÷ +60°C   |
| Dimensions (mm)       | 80 (W) x 120 (H) x 38 (D)                           |
| Protection level (IP) | Internal use  |

## MEMO1000

1000 CODE MEMORY EXPANSION



- 1000 code memory compatible with Roller Code and TAG systems.

|                       | MEMO1000                |
|-----------------------|-------------------------|
| Coding                | Roller Code / TAG       |
| Memory Capacity       | 1000                    |
| Rolling temperature   | -20 ÷ +60°C             |
| Dimensions (mm)       | 15 (W) x 21 (H) x 7 (D) |
| Protection level (IP) | Internal use            |



# ACCESSORIES

|                              |     |
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## REFLECTIVE PHOTOCELL AND ACCESSORIES



**FT08**

Reflective photocell 12-24 Vac-Vdc, 12m coverage (mirror included)



**KLPMRG12**

Reflective directional photocell 12-24 Vac-Vdc - 230 Vac, 12m coverage (mirror included)



**LPR100**

Protector for KLPMRG



**L ER4**

Mirror



**LPRER4**

Mirror protector

## TRANSMITTER/RECEIVER PHOTOCELL WITH BATTERIES



**FT25B**

Battery Photocell 12-24 Vac-Vdc, 25m coverage



**FTBAT**

Set of lithium 3,6V Batteries

## TRANSMITTER/RECEIVER PHOTOCELL



**FT06**

Set of photocell 12-24 Vac-Vdc, 30m coverage



**KLFRX**

Set of recessed mounting photocell 12-24 Vac-Vdc, 30m coverage



**LFTIND-DC**

Set of industrial vandal proof orientable photocell 12-24 Vdc, 60m coverage



**LFTIND-09**

Set of industrial vandal proof orientable photocell 32 36Vdc 60m coverage

## MECHANICAL SAFETY EDGES FOR SWING AND SLIDING GATES



**LM 15**

Mechanical safety edge 1500x70 mm



**LM 17**

Mechanical safety edge 1700x70 mm



**LM 20**

Mechanical safety edge 2000x70 mm



**LM 25**

Mechanical safety edge 2500x70 mm

## MECHANICAL SAFETY EDGES FOR SECTIONAL DOORS, ROLLING SHUTTERS AND BARRIERS



**LB 30**

Mechanical safety edge (3 m rubber, 3x1 aluminum profile, cable kit and micro switches)



**LB 40**

Mechanical safety edge (4m rubber, 4x1 aluminum profile cable kit and micro switches)



**LB 60**

Mechanical safety edge (6m rubber, 4x1 aluminum profile, cable kit and micro switches)



**LBGOM40M**

Rubber profile roll of 40 m for LB



**LBALU1M**

Aluminium profile 1m for LB band



**LBKIT**

Kit for assembly 10m mechanical safety edge (without rubber / no profile)

## RESISTIVE SAFETY EDGES



### 15MM PROFILE

2m fully assembled resistive edge  
FLPR15+FLPRAL15+FLPRMONACC



3m fully assembled resistive edge  
FLPR15+FLPRAL15+FLPRMONACC



4m fully assembled resistive edge  
FLPR15+FLPRAL15+FLPRMONACC



### 25MM PROFILE

2m fully assembled resistive edge  
FLPR25+FLPRAL+FLPRMONAC



3m fully assembled resistive edge  
FLPR25+FLPRAL+FLPRMONAC



4m fully assembled resistive edge  
FLPR25+FLPRAL+FLPRMONAC



### 45MM PROFILE

2m fully assembled resistive edge  
FLPR45+FLPRAL+FLPRMONAC



3m fully assembled resistive edge  
FLPR45+FLPRAL+FLPRMONAC



4m fully assembled resistive edge  
FLPR45+FLPRAL+FLPRMONAC

## MECHANICAL STOP



### 25MM PROFILE

FLPRTM30

Mechanical stop for FLPR25 safety edges



### 45MM PROFILE

FLPRTM46

Mechanical stop for FLPR45 safety edges

## RADIO SYSTEM FOR SAFETY EDGES



### RADSEC2TX

Radio transmitter 868 MHz (second generation)



### RADSEC2RX

Radio receiver 868 MHz (second generation)

## RUBBER PROFILES



### NBGOM1

Hand rubber 1 m



### NBALU1

Aluminium profile 2m for 1m NBGOM

## PASSIVE BANDS



### NM3520

Rubber impact profile 35 mm(2m)



### NM3525

Rubber impact profile 35 mm(2,5m)



### NB2520

Rubber profile 25 mmx2000 mm (folding and sliding gates)

## LOOP DETECTORS



### LBUC1

One channel magnetic loop metal detector, multitenion, 80x49x79mm



### LBUC2

Two channel magnetic loop metal detector, multitenion 80x40x79 mm



### LJDM

One or two channel magnetic loop metal detector 230 Vac, 170x135x85 mm

# SIGNALING DEVICES

## FLASHING LAMPS



### LUMI

Flashing lamp 12-24Vac/Vdc y 95-230Vac



### L LSD

Small traffic light 230 Vac, two colours (red/green)



### LLSRV2

Large traffic light 230 Vac, two colours (red/green)



### SMFo1

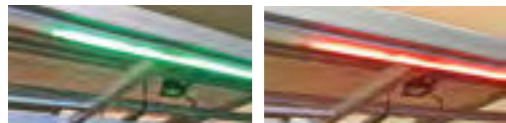
Large traffic light 230 Vac, two colours (red/green) with leds



### AEPS1

Plug-in receiver for traffic lights

## TRAFFIC LIGHT FUNCTION RUBBER PROFILE



### SAFETY EDGE 4,5

#### LBALU1Mo9

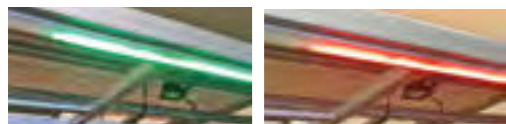
1m aluminum profile LB

#### AULo4

Rubber 4,5m

#### AULo6

Set of light 4,5m red/green



### SAFETY EDGE 6

#### LBALU1Mo9

1m aluminum profile LB

#### AULo3

Rubber 6 m

#### AULo5

Set of light 6m red/green

# OPENING COMMAND DEVICES

## KEY SWITCHES



### LSELS-001

Plastic surface mounting key switch, 1 contact (NO)



### LSELS-002

Plastic surface mounting key switch, 2 contacts (1 NO contact and 1 NO/NC contact)



### LSELE-001

Plastic recessed mounting key switch, 1 contact (NO)



### LSELE-002

Plastic recessed mounting key switch, 2 contacts (1 NO contact and 1 NO/NC contact)



### LSESU-002

Aluminum surface mounting key switch, 2 contacts (NO) and european profile



### LSEEM-002

Aluminum recessed mounting key switch, 2 contacts (NO) and european profile



### LEOBOX

Aluminum surface mounting key switch, 2 contacts (NO/NC) with metallic cord-type release



### SL01

Aluminum surface mounting key switch, 2 contacts (NO)



### N SEL

Universal column for recessed mounting key switch (SELE, SEEM)

# OPENING COMMAND DEVICES

## PROXIMITY KEY



**IRTAGPROG**  
Tag programming device with pc's software



**TAGREAD**  
Proximity key reader



**TAGREADMT**  
Proximity key reader (aluminium case)



**TAGBASE-250**  
Proximity key decoder (250 codes) 230 Vac-12/24Vac/dc)



**TAGKEY**  
Proximity key



**TAGCARD**  
Proximity card

# KEYPADS



**QKEYSUN2S**  
Vandal proof aluminum keypad with separate electronic box 250 codes



**QTALOS2-G**  
Stand-alone ABS keypad



**QKEY12S09**  
Stainless steel keypad with ABS keypad



**QKEY12SM9**  
Stainless steel keypad with metal buttons



**QKEY433RD4**  
4-channel stand-alone keyboard via radio 433.92 MHz



**QKEY868RD4**  
4-channel stand-alone keyboard via radio 868 MHz

# ELECTRIC LOCKS



**LV9083**  
Electric lock with adjustable cylinder 50-60-70-80 mm



**LV9083P**  
Electric lock with adjustable cylinder 50-60-70-80 mm with push button



**LV9087**  
Electric lock with european profile (without cylinder)



**LV9600**  
Vertical electric lock with european profile (without cylinder)



**LV3999083**  
Mic for electric lock LV9083, LV9083P, LV9087



**LV3997918**  
Mic for electric lock LV9600



**LVPR80**  
Extension kit to 80 mm cylinder (LV9083, LV9083P)



**LV9986**  
Bracket for vertical electric lock



**LC721**  
Electric lock with adjustable 50-80 mm cylinder



**LC721M**  
Electric lock with mic



**LC731**  
Electric lock with cylinder and inner push button



**LC731M**  
Electric lock with cylinder, mic and inner push button



**LC611**  
Electric lock with adjustable 50-80 mm cylinder and inner push button



**LC611M**  
Electric lock with mic and inner push button



**LCPR80**  
Extension kit to 80 mm cylinder (LC611, LC721, LC731)



**LCPR100**  
Extension kit to 100 mm cylinder (LC611, LC721, LC731)



**LBO20**  
Drop bolt lock 230 Vac.



**LBE20**  
Drop bolt lock 230 Vac with external cylinder

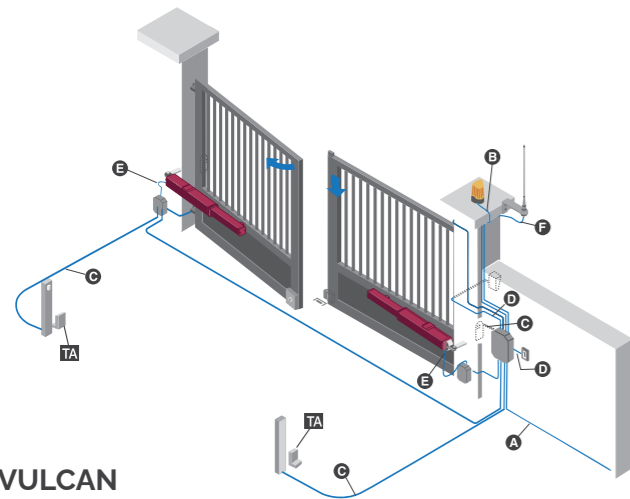


**NPL20**  
Ground plate for drop bolt lock



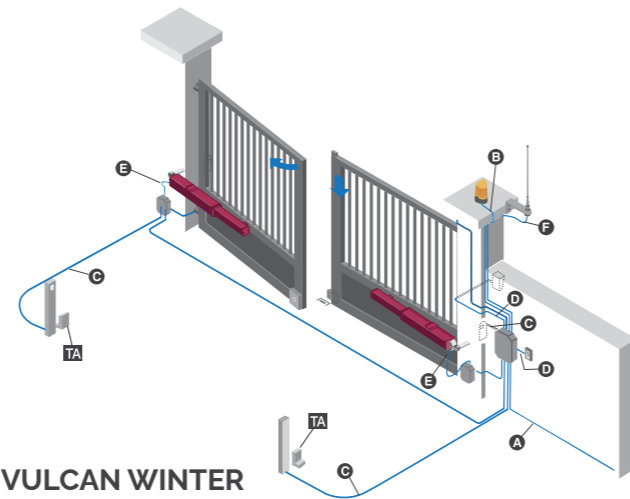
**NHENC**  
Stainless steel spring bolt lock

# INSTALLATION LAYOUT



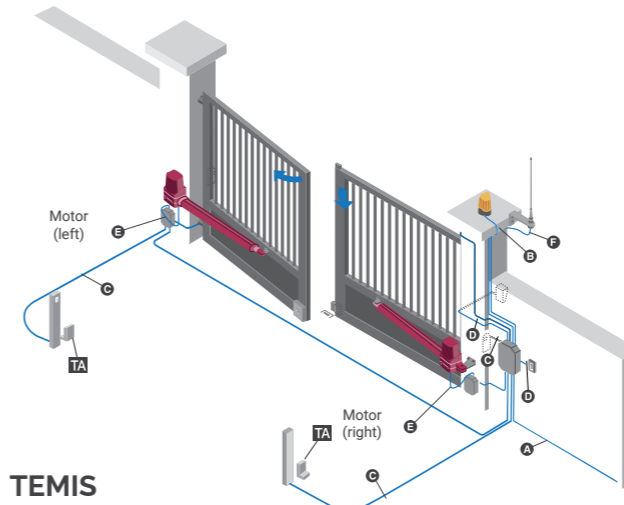
## VULCAN

**A** Power supply. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key. **E** Motor.



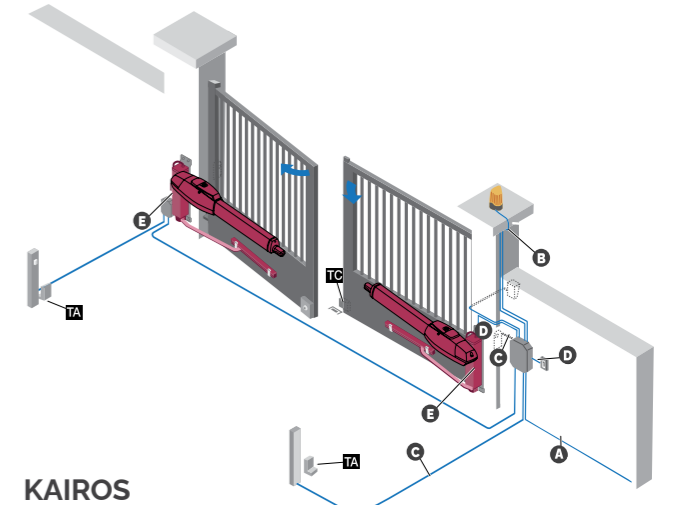
## VULCAN WINTER

**A** Power supply. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key. **E** Motor.



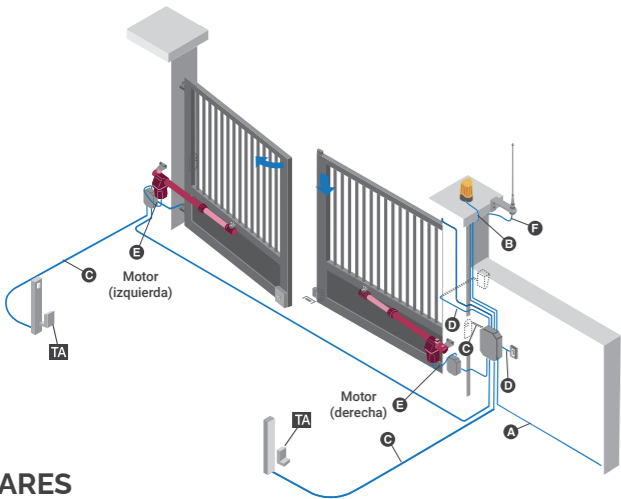
## TEMIS

**A** Power supply. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key. **E** Motor.



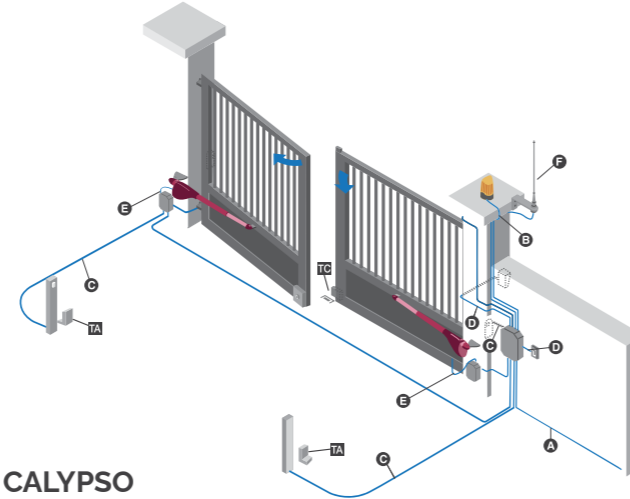
## KAIROS

**A** Power supply. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key. **E** Motor.



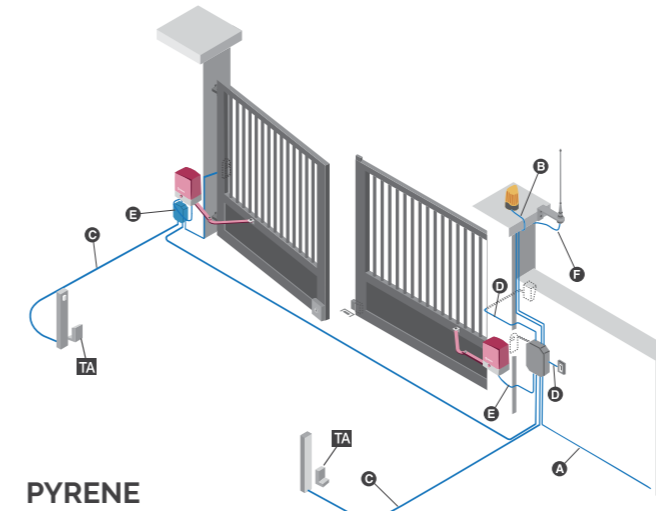
## ARES

**A** Power supply. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key. **E** Motor.



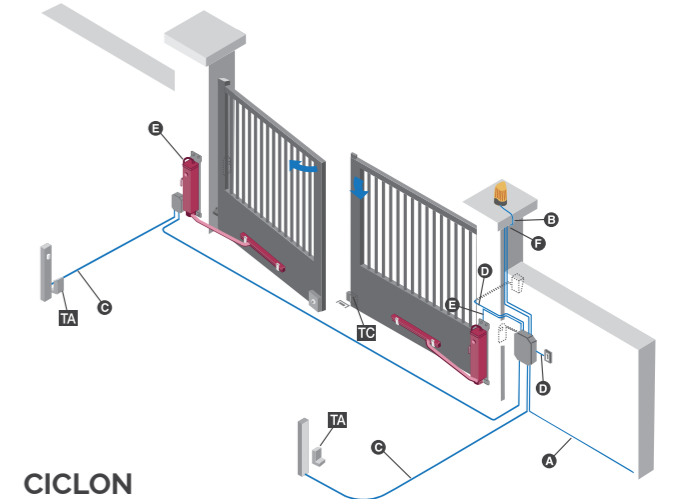
## CALYPSO

**A** Power supply. **B** Flashing lamp. **C** Photocell. (Tx/ Rx). **D** Pushbutton or key selector. **E** Motor. **F** Antenna.



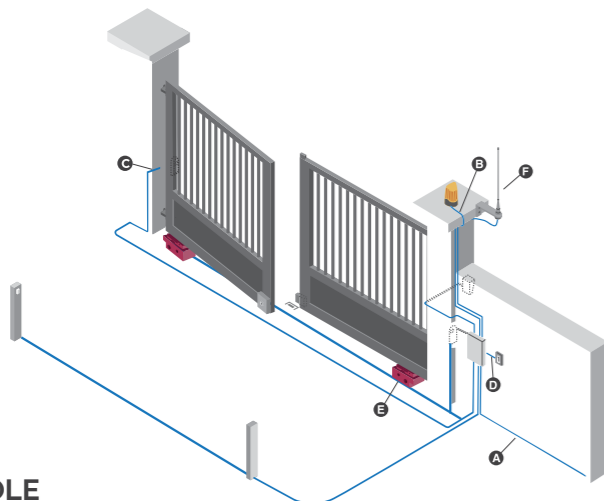
## PYRENE

**A** Power supply. **B** Flashing lamp. **C** Photocell (Tx/ Rx). **D** Pushbutton or key selector. **E** Motor. **F** Antenna.



## CICLON

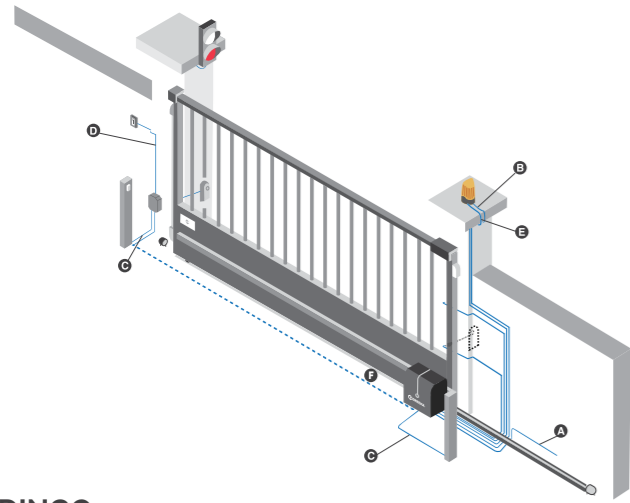
**A** Power supply. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key. **E** Motor. **F** Antenna.



## MOLE

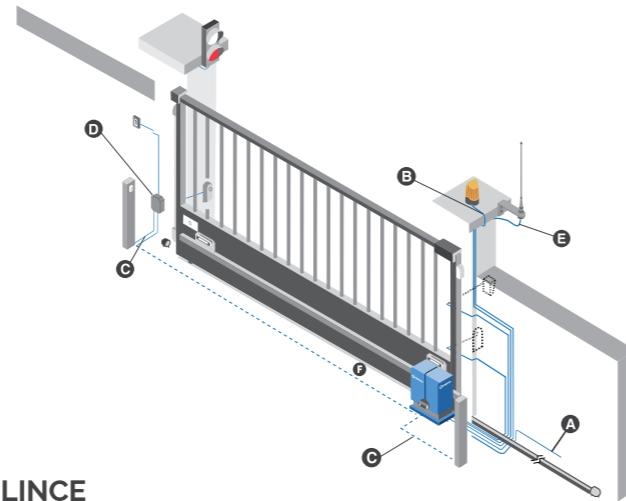
**A** Alimentación general. **B** Flashing lamp. **C** Photocell. **D** Pushbutton or key selector. **E** Motor. **F** Antenna.

# INSTALLATION LAYOUT



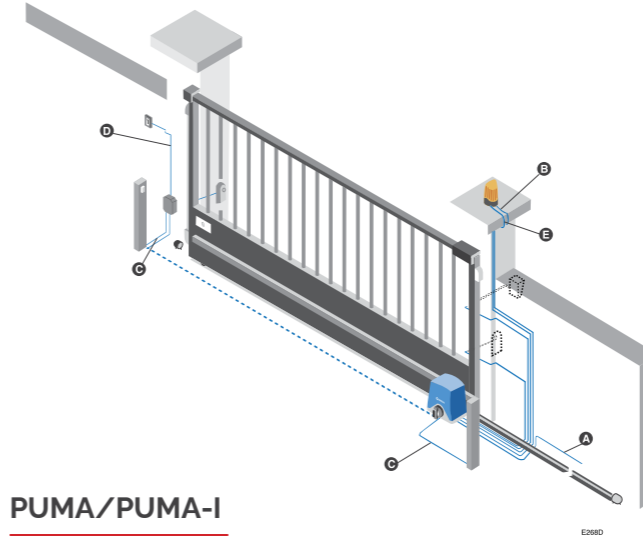
## DINGO

**A** Motor. **B/E** Flashing Lamp / Antenna. **C** Photocell. (Tx / Rx)  
**D** Push button/Wall key. **F** Rack.



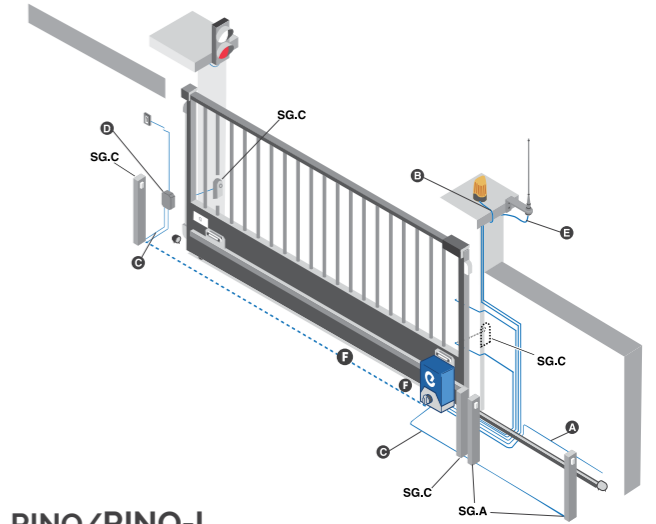
## LINCE

**A** Motor. **B** Flashing lamp. **C** Photocell. (Tx / Rx) **D** Push button/Wall key. **F** Antenna. **G** Rack.



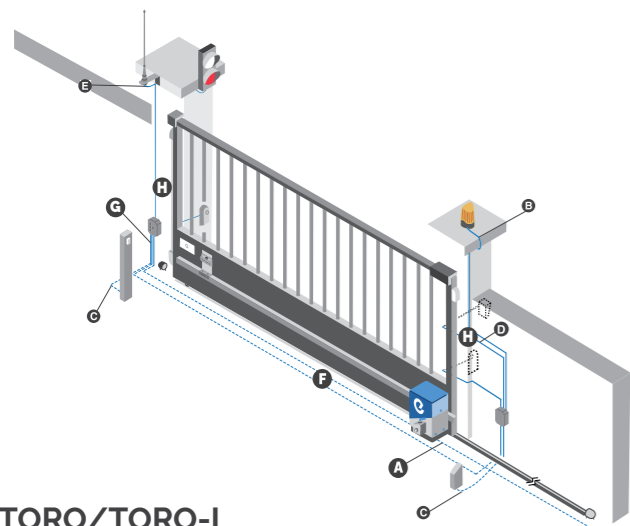
## PUMA/PUMA-I

**A** Motor. **B/E** Flashing Lamp / Antenna. **C** Photocell. (Tx / Rx)  
**D** Push button/Wall key. **F** Rack.



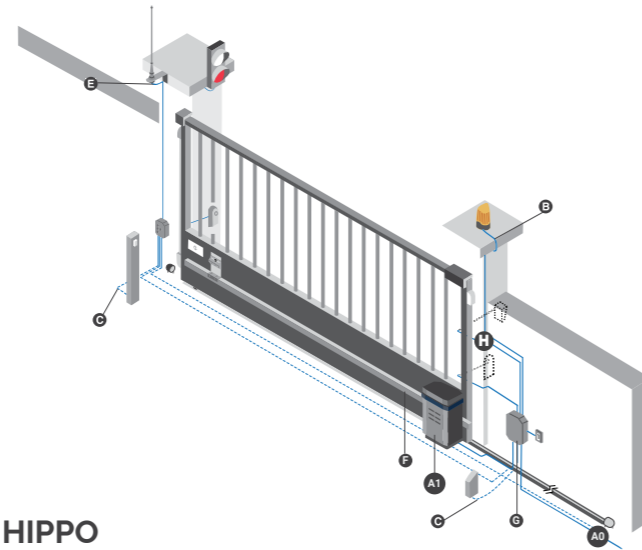
## RINO/RINO-I

**A** Motor. **B** Flashing lamp. **C** Photocell. (Tx / Rx) **D** Push button/Wall key. **E** Antenna. **F** Rack.



## TORO/TORO-I

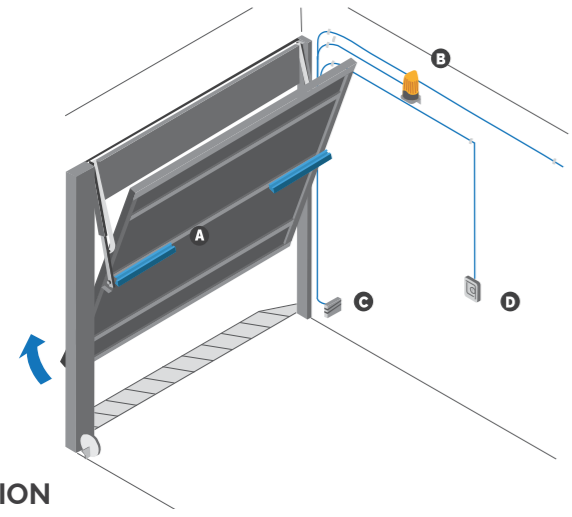
**A** Motor. **B** Flashing lamp. **C** Photocell. (Tx / Rx)  
**D** Push button/Wall key. **E** Antenna. **F** Rack. **G** Control Panel (TORO2500). **H** Security bands



## HIPPO

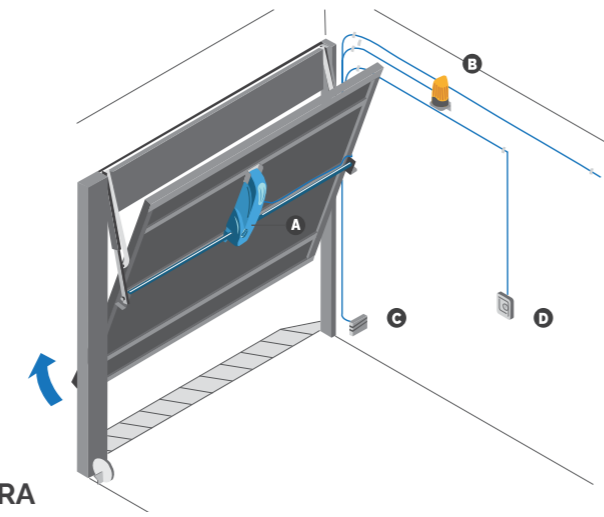
**A** Motor. **B/E** Flashing lamp. **C** Photocell. (Tx / Rx) **D** Push button/Wall key. **E** Antenna. **F** Control Panel. **G** Security bands

# INSTALLATION LAYOUT



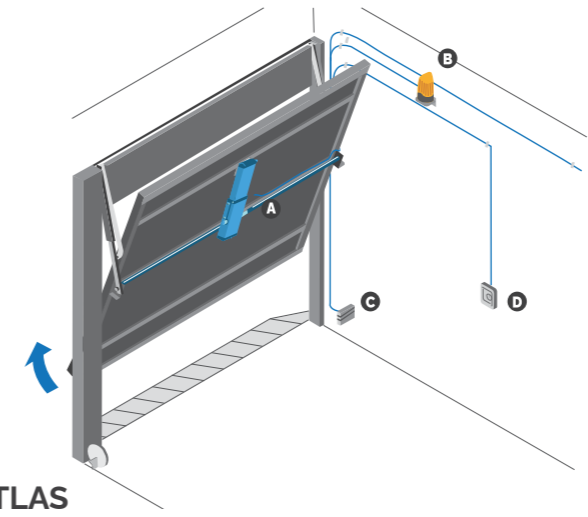
## ORION

**A** Control Panel. **B** Traffic light. **C** Photocell. **D** Push button/Wall key. **E** Motor.



## HERA

**A** HERA motor (with built-in board). **B** Flashing lamp  
**C** Photocell. **D** Pushbutton / key switch.

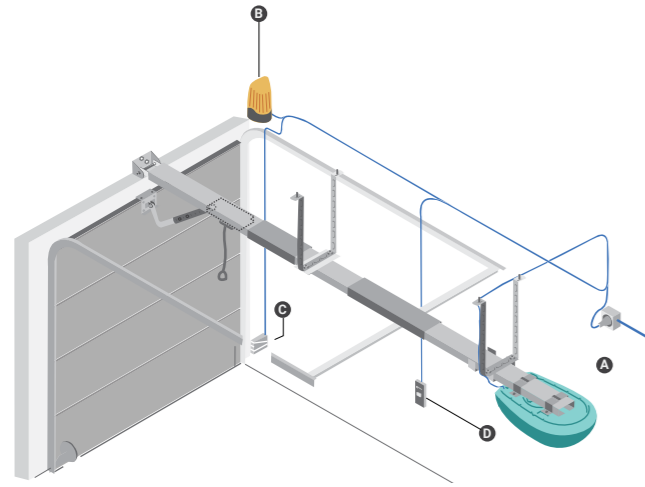


## ATLAS

**A** Control Panel. **B** Traffic light. **C** Photocell. **D** Push button/Wall key. **E** Motor. **F** Security bands.

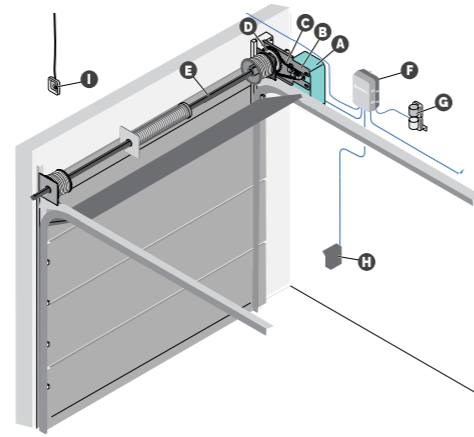
# INSTALLATION LAYOUT

For Swing Doors 



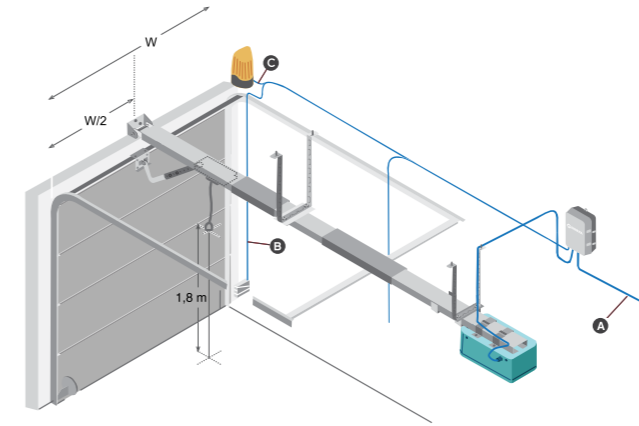
## NAOS

**A** Motor / Control Panel. **B** Flashing lamp. **C** Photocell.  
**D** Push button/Wall key.



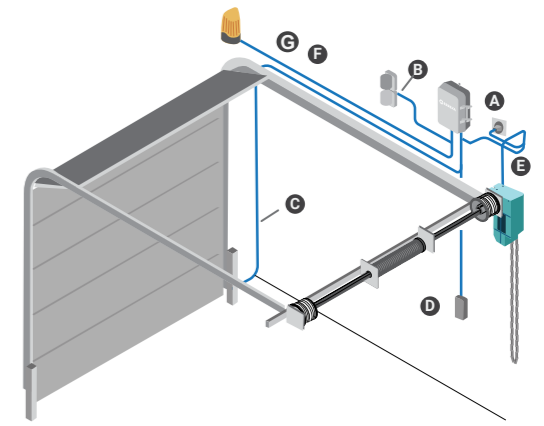
## IZARSEC

**A** Control Panel. **B** Support. **C** Transmission Chain. **D** Crown.  
**E** Coupling shaft. **F** Operator. **G** Traffic light. **H** Photocell.  
**I** Push button/Wall key.



## MAXI

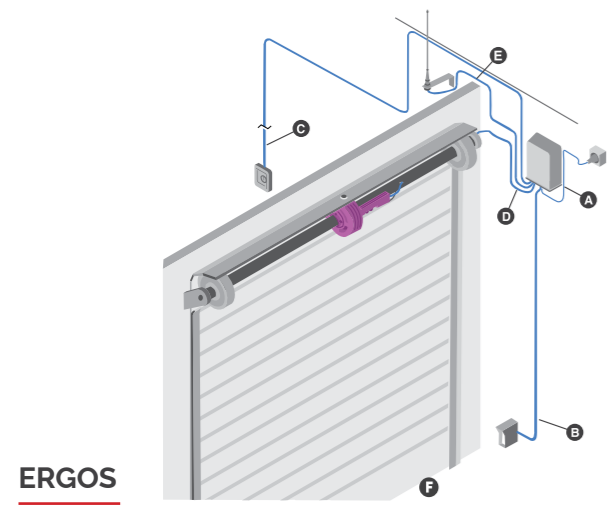
**A** Motor / Control Panel. **B** Photocell. **C** Flashing lamp/  
Antenna.



## STAR

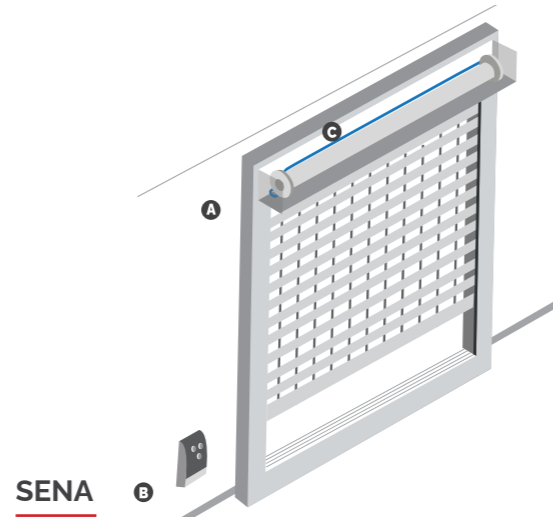
**A** Control Panel. **B** Traffic light. **C** Photocell. **D** Push button/  
Wall key. **E** Operator. **F** Flashing lamp. **G** Antenna.

# INSTALLATION LAYOUT



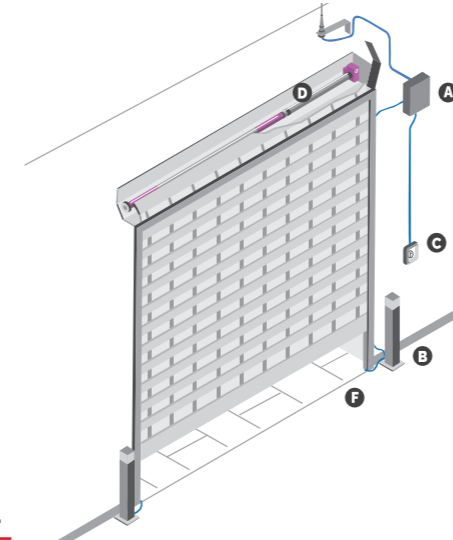
## ERGOS

**A** Control Panel **B** Photocell. **C**. Push button/Wall key. **D** Operator. **E** Antenna. **F** Security bands



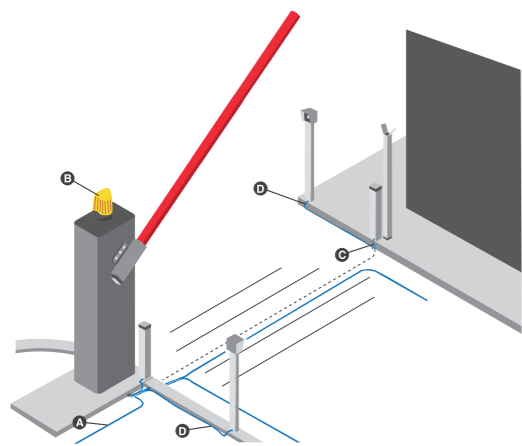
## SENA

**A** Control Panel. **B** Radio push button. **C** Operator.



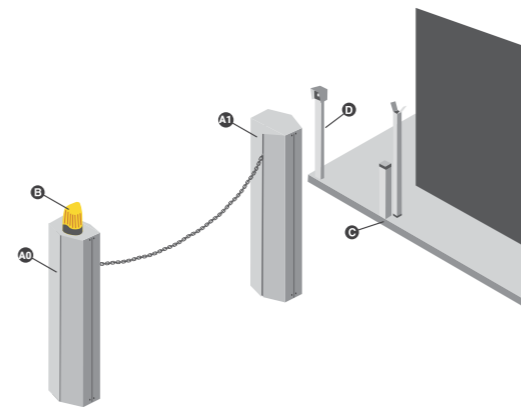
## URAL

**A** Control Panel. **B** Photocell. **C** Push button/Wall key. **D** Operator. **E** Antenna. **F** Security bands.



## GO/GO PLUS/GO PLUS INOX

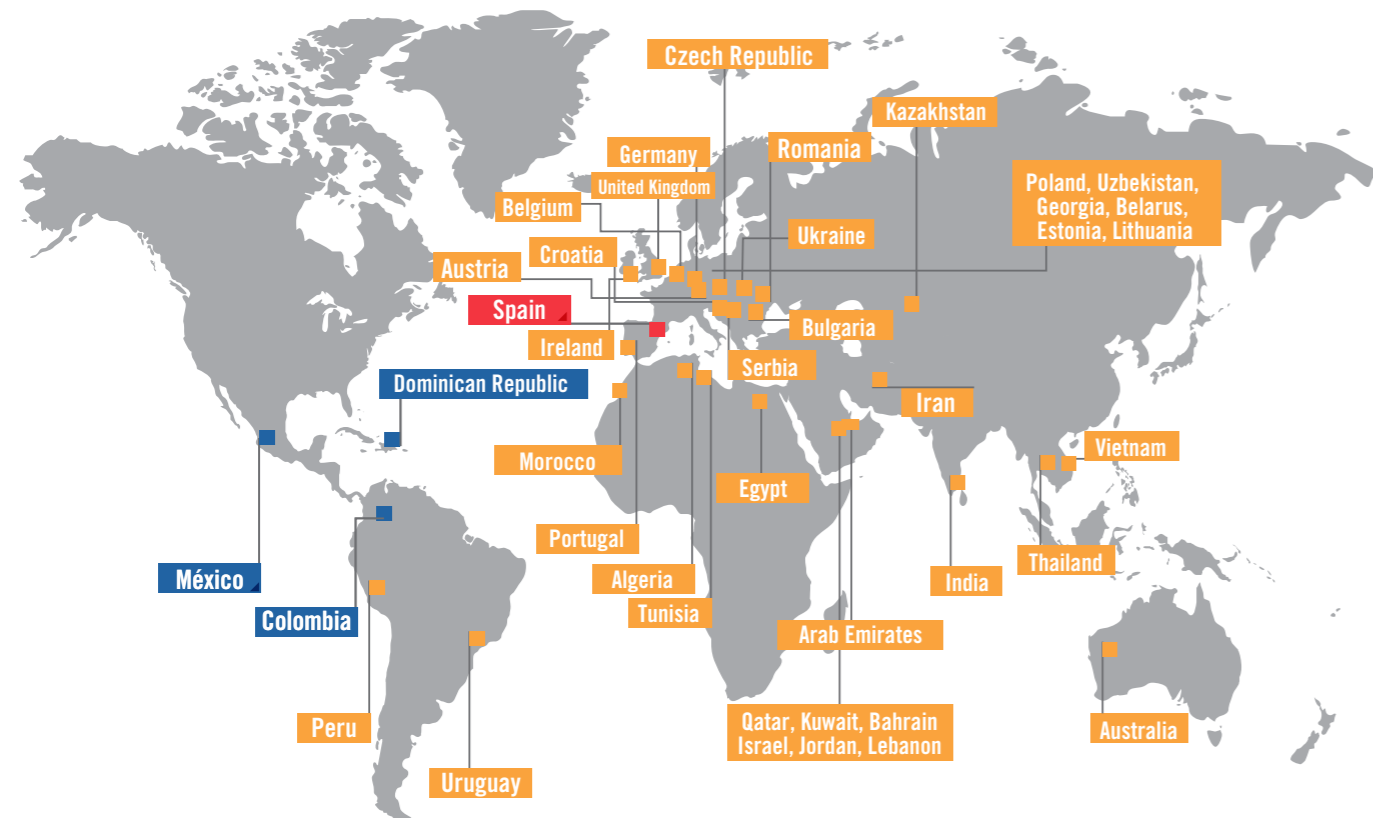
**A** Operator/Control Panel. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key.



## OMNI

**A0** Operator/Control Panel. **A1** Operator. **B** Flashing lamp. **C** Photocell. **D** Push button/Wall key.

# ERREKA CONNECTED ACCESS LOCATION



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# GENERAL CONDITIONS OF SALE



## PRICES

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All prices are ex-works and do not include VAT.  
We reserve the right to alter the prices listed here without prior notice if this is due to alterations in the cost price of raw materials.  
This price list cancels and replaces the previous list.



## DELIVERY DATES

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When the order is placed, the delivery date for the material will be stipulated. Any delays due to events beyond our control will not imply cancellation of the order.



## PAYMENT CONDITIONS

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It is standard practice at Erreka automation for the first transaction to be paid for in advance. Sales are always made in accordance with the property rights clause, by virtue of which the products supplied shall continue to be our property until the amount has been paid in full.



## RETURNS

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To accept the return of the material, the following requirements must be met:

- The return must be made within the month following the date on the delivery note.
- The returned material must be in perfect condition and unused (neither installed nor put into operation).
- Submit a copy of the delivery note.



## GUARANTEE

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The warranty for Erreka products is 3 years from the date of supply.  
It is essential that the customer provide Erreka with the purchase date by presenting the invoice or receipt issued by the seller.  
This guarantee applies to all manufacturing defects. It is the responsibility of the installer to ensure that the equipment reaches the authorised Technical Services.  
The warranty does not cover damages caused by incorrect installation or use of the equipment, tampering by unauthorized personnel, or by external or atmospheric agents (lightning, floods, etc.).



## LIABILITIES

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In case of any dispute arising from non-fulfilment of these General Conditions of Sale, arbitration shall be submitted to the Courts of Bergara, Spain.  
In this effort to improve its PRODUCT RANGE ERREKA constantly updates its references, and in consequence the prices and technical characteristics set out in this catalogue are merely for information purposes, are not binding and are subject to changes and updates.

