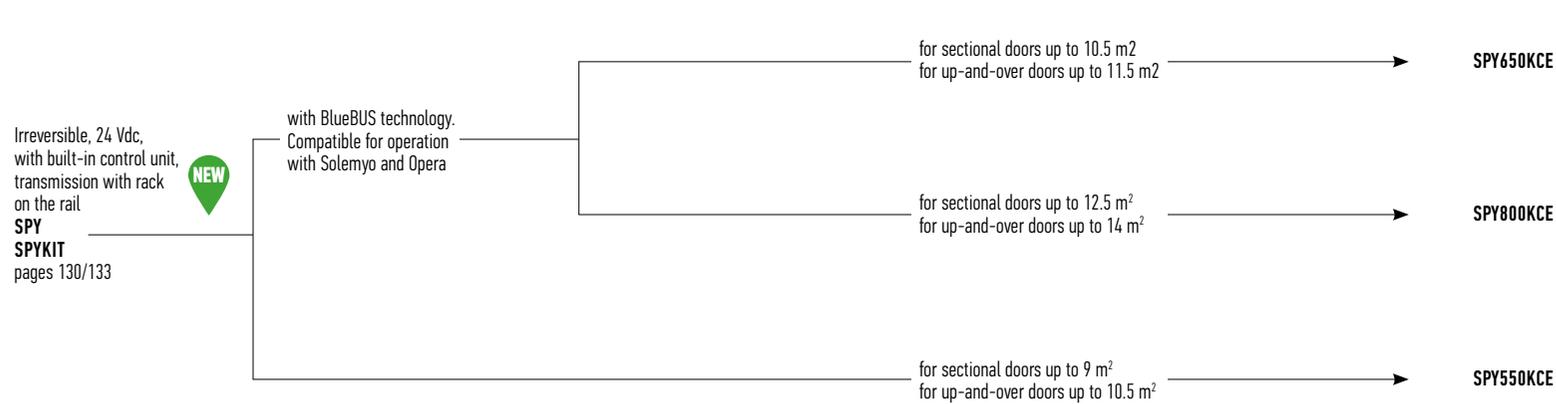


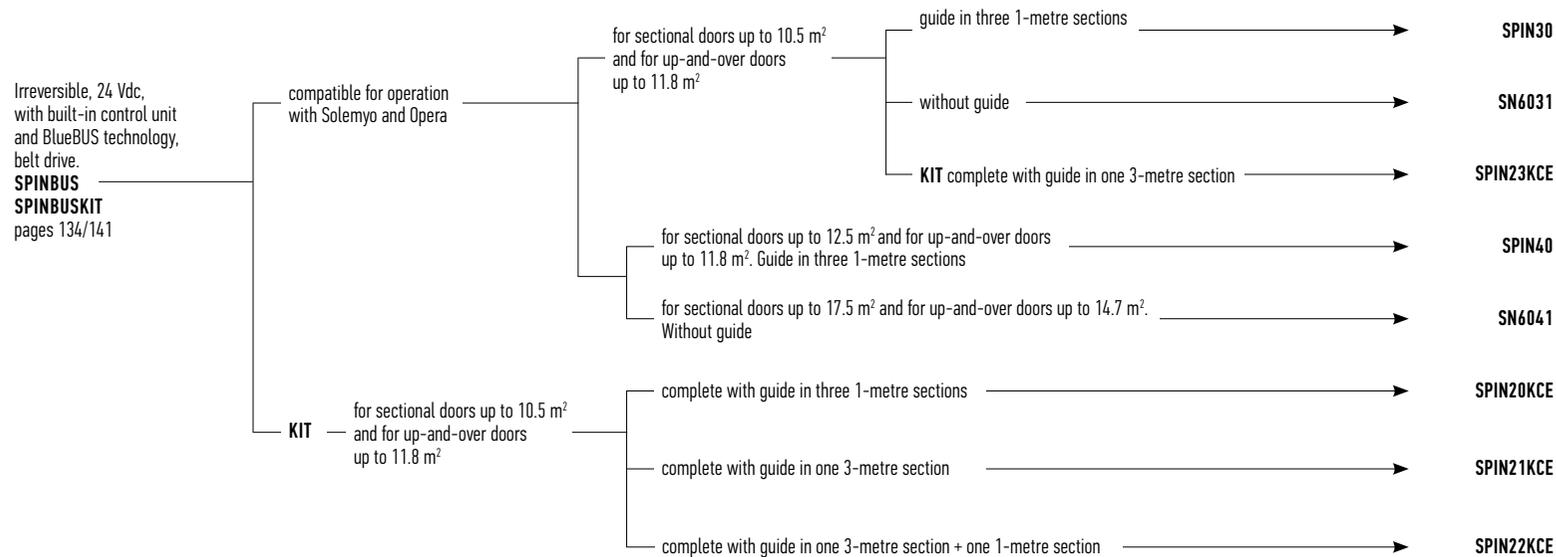


# SELECTION GUIDE

## FOR SECTIONAL AND UP-AND-OVER DOORS, IN KIT



## FOR SECTIONAL AND UP-AND-OVER DOORS, ALSO AVAILABLE IN KIT



**FOR SECTIONAL AND UP-AND-OVER DOORS, IN KIT**

Irreversible, 230 Vac,  
with built-in control unit  
and receiver, belt drive.  
**SPINKIT**  
pages 142/143

for sectional doors up to 8.8 m<sup>2</sup>  
and for up-and-over doors up to 9.8 m<sup>2</sup>

complete with guide in three 1-metre sections

**SPIN10KCE**

complete with guide in one 3-metre section

**SPIN11KCE**



**FOR UP-AND-OVER DOORS, ALSO AVAILABLE IN KIT**

Irreversible, 24 Vdc.  
**TEN  
TENKIT**  
pages 144/147

with built-in  
control unit

with built-in BlueBUS technology, compatible  
for operation with Solemyo and Opera

for doors up to 9/16 m<sup>2</sup>

**TN2010L**

with built-in receiver courtesy light  
and electromechanical limit switch

for doors up to 9/16 m<sup>2</sup>

**TN2030L**

without built-in  
control unit

with courtesy light

for doors up to 9/16 m<sup>2</sup>

**TN2020L**

**KIT**, with built-in control unit and receiver  
courtesy light and electromechanical limit switch

for doors up to 9 m<sup>2</sup>

**TNLKCE**



FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SELECTION GUIDE

## FOR SECTIONAL DOORS, IDEAL FOR INDUSTRIAL AND COMMERCIAL USE

Irreversible with built-in control unit  
24 Vdc motor, with absolute encoder  
and incorporated BlueBUS technology.  
Compatible for operation  
with Solemyo and Opera.

**SOON**

pages 148/149

for doors up to 20 m<sup>2</sup>

**SO2000**



## FOR SECTIONAL AND SLIDING 2-LEAF DOORS FOR INDUSTRIAL AND COMMERCIAL USE

Irreversible, 24 Vdc motor,  
with magnetic encoder,  
with no need for limit switch  
adjustment.

**SUMO**

pages 150/151

IP44

cruising speed, up to 35 m<sup>2</sup>

**SU2000**

increased speed, up to 25 m<sup>2</sup>

**SU2000V**

high speed, up to 15 m<sup>2</sup>

**SU2000VV**

IP54, up to 35 m<sup>2</sup>

**SU2010**



## FOR FOLDING 2-LEAF DOORS

Irreversible  
with telescopic arm.  
**HYPPO**  
pages 152/153

230 Vac with limit switch on opening and closing

**HY7100**

24 Vdc version with magnetic encoder.  
Compatible with control units with BlueBUS technology,  
Solemyo and Opera

**HY7124**



FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SPYKIT 550

NEW OPERA 24V

**For sectional doors up to 9 m<sup>2</sup> and up-and-over doors (including canopy doors) up to 10.5 m<sup>2</sup>.**

24 Vdc irreversible electromechanical gear motor for residential use, **transmission with rack on the rail.**

To be combined with SPYRAIL321, SPYRAIL162 and SPYRAIL081 rails.

**Functional and stylish:** the motor is the only component that moves on the rail, there are no chains or other noisy mechanisms. Ideal for any architectural context.

### Handy

Separate control unit: more practical and convenient for programming and maintenance.

Built-in LED courtesy light. Three practical keys to control the automation.

### Quick to install

Modular rail with assembly accessories. Limit switches easy to position along the rail with no need to stand and work on the ceiling. No chains or other noisy mechanisms to install.

### Easy to program

Simple and fast basic programming, using the Quick Setup procedure. Simplified advanced programming, using 0-View.

**ON/OFF release system:** pulling the release knob once releases the motor; pulling it a second time blocks the motor again, in any position along the rail.

**Inexpensive to run and environmentally-friendly:** when connected to the mains in standby mode, the control unit consumes 1.5 W.

**Safe:** obstacle detection, motor power monitoring during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Ready for installation of the latest generation 8.2 kOhm resistive sensitive edges.

### Optimised logistics

For practical management and transport, the rails are available in different sizes: single 3.2 m long rail, or supplied in two 1.6 m sections plus a 0.8 m extension.

### THE KIT CONTAINS:

**SPY550**  
1 X SPY550 GEARMOTOR,  
550 N.

**SPYBOX**  
1 CONTROL UNIT WITH  
BUILT-IN LED COURTESY LIGHT  
AND RECEIVER.

**FLO2RE**  
1 X 433.92 MHz 2 CHANNEL  
TRANSMITTER.



| CODE             | DESCRIPTION   | PACK/PALLET |
|------------------|---|-------------|
| <b>SPY550KCE</b> | KIT FOR THE AUTOMATION OF SECTIONAL AND UP-AND-OVER DOORS, 550 N, WITH SPYBOX CONTROL UNIT AND 1 FLO2RE TRANSMITTER. RAILS NOT INCLUDED | 48          |

### RAIL FOR SPY:

| CODE              | DESCRIPTION  | PACK/PALLET |
|-------------------|--|-------------|
| <b>SPYRAIL321</b> | 1 X 3.2 m RAIL WITH ASSEMBLY ACCESSORIES   | 48          |
| <b>SPYRAIL162</b> | 2 X 1.6 m RAILS WITH ASSEMBLY ACCESSORIES  | 48          |
| <b>SPYRAIL081</b> | 0.8 m EXTENSION WITH ASSEMBLY ACCESSORIES (TO ADD TO THE OTHER RAILS SO AS TO REACH A LENGTH OF 4 m) | 48          |

### TECHNICAL SPECIFICATIONS

| CODE                                | SPY550KCE   |
|-------------------------------------|-------------|
| <b>ELECTRICAL DATA</b>              |             |
| POWER SUPPLY (Vac 50/60 Hz)         | 230 ± 10%   |
| CURRENT DRAW (A)                    | 1.2         |
| MAXIMUM POWER (W)                   | 200         |
| POWER IN STANDBY (W)                | 1.5         |
| <b>PERFORMANCE DATA</b>             |             |
| MAXIMUM SPEED (m/s)                 | 0.15        |
| MAXIMUM FORCE (N)                   | 550         |
| NOMINAL FORCE (N)                   | 180         |
| WORKING CYCLE (CYCLES/HOUR)         | 20          |
| WORKING CYCLE (CYCLES/DAY)          | 200         |
| <b>DIMENSIONAL AND GENERAL DATA</b> |             |
| INGRESS PROTECTION (IP)             | IP40        |
| OPERATING TEMP. (°C MIN/MAX)        | -20 ÷ +55   |
| PACK DIMENSIONS (mm)                | 380x380x125 |
| WEIGHT (kg)                         | 3.2         |

### UTILISATION LIMITS

Using the maximum travel

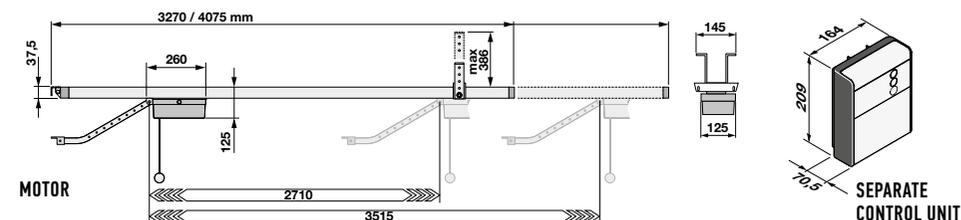
|                               | NON-PROJECTING UP-AND-OVER DOOR (WITH SPAS) |       | PROJECTING UP-AND-OVER DOOR (WITH SPAS) ACCESSORY OR WITH SPRINGS (WITHOUT SPAS) |       | SECTIONAL |       |
|-------------------------------|---|-------|--|-------|-----------|-------|
|                               | H   | L     | H  | L     | H         | L     |
| <b>SPY550 with 3.2 m rail</b> | 2.3 m                                       | 3.5 m | 2.8 m  | 3.5 m | 2.5 m     | 3.6 m |
| <b>SPY550 with 4 m rail</b>   | 3.1 m                                       | 2.6 m | 3.5 m  | 2.9 m | 3.3 m     | 2.8 m |

### RAIL TECHNICAL SPECIFICATIONS

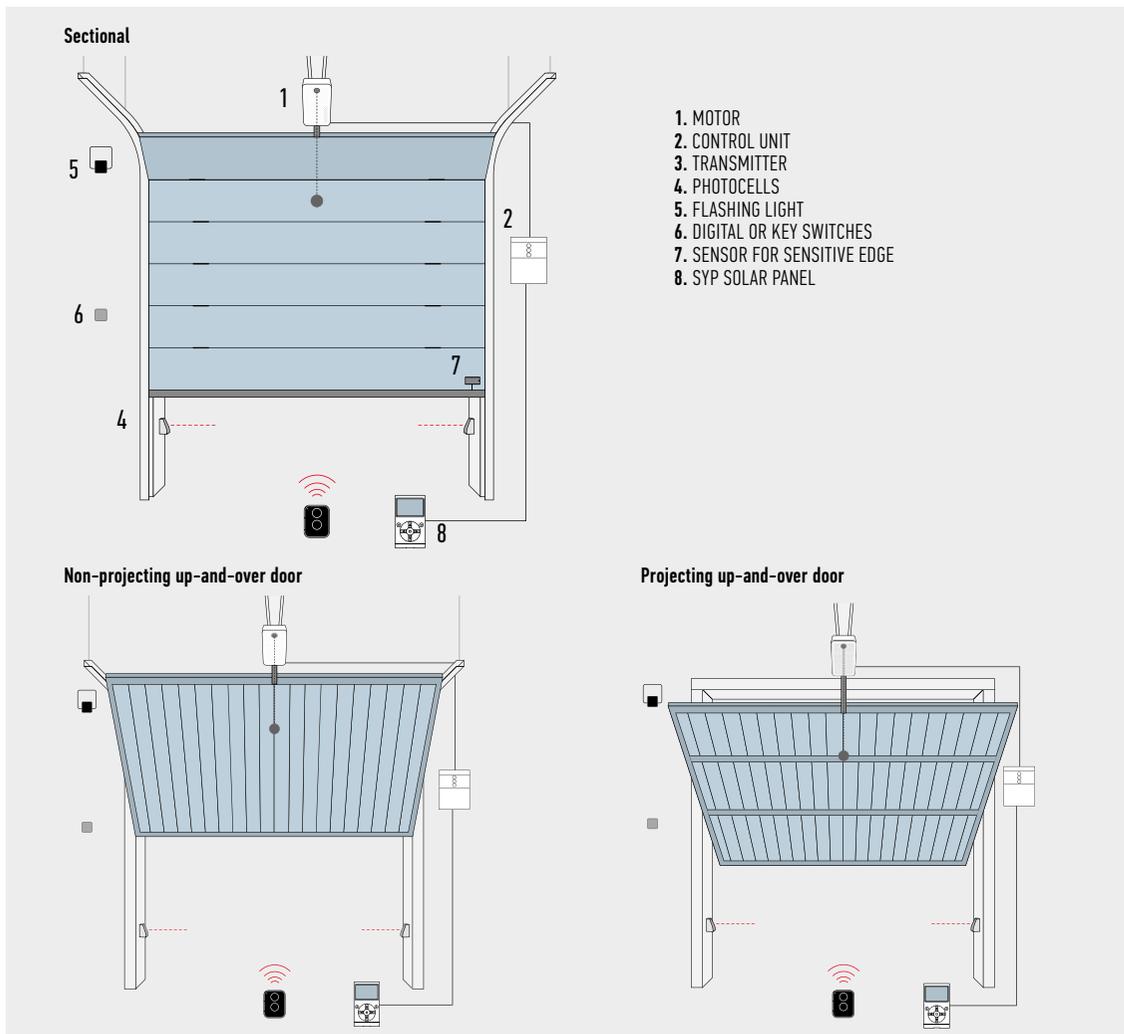
| CODE                             | SPYRAIL321          | SPYRAIL162                 | SPYRAIL081*                       |
|----------------------------------|---------------------|----------------------------|-----------------------------------|
| TYPE                             | 3.2 m (one section) | 3.2 m (2 pcs length 1,6 m) | 0.8 m (rails to reach length 4 m) |
| INSTALLED RAIL LENGTH (mm)       | 3.270               |                            | 4.075                             |
| USEFUL TRAVEL (mm)               | 2.710               |                            | 3.515                             |
| WEIGHT (kg)                      | 7.5                 | 8.35                       | 3.3                               |
| PACK DIMENSIONS (mm)             | 3.230x110x50        | 1.760x110x50               | 960x110x50                        |
| ACCESSORIES PACK DIMENSIONS (mm) | 400x400x90          |                            |                                   |

\*To be used in combination with SPYRAIL321 e SPYRAIL162 rails

### DIMENSIONS



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

| CODE    | RECEIVER  |      |     | TRANSMITTER |           |          |         | PHOTOCELLS |     |     |     |      |      |      |      | FLASHING LIGHT |       |       |    |      |     |     |
|---------|-----------|------|-----|-------------|-----------|----------|---------|------------|-----|-----|-----|------|------|------|------|----------------|-------|-------|----|------|-----|-----|
|         | Built-in* | SMXI | OXI | ERA INTI    | ERA ONE** | ERA FLOR | NICEWAY | TTX4       | EPS | EPM | EPL | EPSB | EPMB | EPLB | F210 | F210           | F210B | F210B | EL | EL24 | ELB | WLT |
| SPYBOX  | ●         |      |     | ●           | ●         | ●        | ●       | ●          | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●              | ●     | ●     |    | ●    | ●   | ●   |
| SPYBOXB | ●         | ●    | ●   | ●           | ●         | ●        | ●       | ●          | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●              | ●     | ●     | ●  | ●    | ●   | ●   |

\*Radio receiver incompatible with Opera system

\*\*ERA ONE remote controls, when used with SPYBOX, work as ERA FLOR models.

## ACCESSORIES



**SPA5**  
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1



**SPA6**  
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1



**KI1**  
OUTSIDE RELEASE KIT WITH METAL PULL-CORD AND LOCK AND KEY.

PCS./PACK 1



**SPA2**  
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PCS./PACK 1



**IBT4N**  
INTERFACE FOR CONNECTING THE 0-VIEW PROGRAMMING UNIT.

PCS./PACK 1



**TS**  
SIGNBOARD.

PCS./PACK 1

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# SPYKIT 650/800

NEW SOLEMYO OPERA

For sectional doors up to 10.5 m<sup>2</sup> (SPY650) and 12.5 m<sup>2</sup> (SPY800), up-and-over doors, including canopy doors, up to 11.5 m<sup>2</sup> (SPY650) and 14 m<sup>2</sup> (SPY800).

24 Vdc irreversible electromechanical gear motor for residential use, **transmission with rack on the rail.**

To be combined with SPYRAIL321, SPYRAIL162 and SPYRAIL081 rails.

**Functional and stylish:** the motor is the only component that moves on the rail, there are no chains or other noisy mechanisms. Ideal for any architectural context.

### Handy

Separate control unit: more practical and convenient for programming and maintenance.

Built-in LED courtesy light. Three practical keys to control the automation.

### Quick to install

Modular rail with assembly accessories. Limit switches easy to position along the rail with no need to stand and work on the ceiling. No chains or other noisy mechanisms to install.

**Simple to install with the BlueBus system,** requiring just two wires for connection between the control unit and the pairs of photocells and other accessories featuring BlueBus technology.

### Easy to program

Simple and fast basic programming, using the Quick Setup procedure. Simplified advanced programming, using 0-View.

**ON/OFF release system:** pulling the release knob once releases the motor; pulling it a second time blocks the motor again, in any position along the rail.

**Inexpensive to run and environmentally-friendly:** when connected to the mains in standby mode, the control unit consumes just 0.5 W. When connected to the battery or the Solemyo kit, power consumption in standby mode is reduced to 0.1 W.

**No blackouts:** operation is guaranteed even when mains power is not available, thanks to the optional PS324 backup battery.

**Safe:** obstacle detection, motor power monitoring during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Ready for installation of the latest generation 8.2 kOhm resistive sensitive edges.

### Optimised logistics

For practical management and transport, the rails are available in different sizes: single 3.2 m long rail, or supplied in two 1.6 m sections plus a 0.8 m extension.

| CODE      | DESCRIPTION  | PACK/PALLET |
|-----------|--|-------------|
| SPY650KCE | KIT FOR THE AUTOMATION OF SECTIONAL AND UP-AND-OVER DOORS, 650 N, WITH SPYBOXB CONTROL UNIT AND 1 FLO2RE TRANSMITTER. RAILS NOT INCLUDED | 48          |
| SPY800KCE | KIT FOR THE AUTOMATION OF SECTIONAL AND UP-AND-OVER DOORS, 800 N, WITH SPYBOXB CONTROL UNIT AND 1 FLO2RE TRANSMITTER. RAILS NOT INCLUDED | 48          |

### RAIL FOR SPY:

| CODE       | DESCRIPTION  | PACK/PALLET |
|------------|--|-------------|
| SPYRAIL321 | 1 X 3.2 m RAIL WITH ASSEMBLY ACCESSORIES   | 48          |
| SPYRAIL162 | 2 X 1.6 m RAILS WITH ASSEMBLY ACCESSORIES  | 48          |
| SPYRAIL081 | 0.8 m EXTENSION WITH ASSEMBLY ACCESSORIES (TO ADD TO THE OTHER RAILS SO AS TO REACH A LENGTH OF 4 m) | 48          |

### TECHNICAL SPECIFICATIONS

| CODE                                | SPY650KCE   | SPY800KCE |
|-------------------------------------|-------------|-----------|
| <b>ELECTRICAL DATA</b>              |             |           |
| POWER SUPPLY (Vac 50/60 Hz)         | 230 ± 10%   |           |
| CURRENT DRAW (A)                    | 1.4         | 1.6       |
| MAXIMUM POWER (W)                   | 250         | 300       |
| POWER IN STANDBY (W)                | 0.5         | 0.5       |
| <b>PERFORMANCE DATA</b>             |             |           |
| MAXIMUM SPEED (m/s)                 | 0.15        | 0.14      |
| MAXIMUM FORCE (N)                   | 650         | 800       |
| NOMINAL FORCE (N)                   | 200         | 250       |
| WORKING CYCLE (CYCLES/HOUR)         | 30          | 30        |
| WORKING CYCLE (CYCLES/DAY)          | 300         | 300       |
| <b>DIMENSIONAL AND GENERAL DATA</b> |             |           |
| INGRESS PROTECTION (IP)             | IP40        |           |
| OPERATING TEMP. (°C MIN/MAX)        | -20 ÷ +55   |           |
| PACK DIMENSIONS (mm)                | 380x380x125 |           |
| WEIGHT (kg)                         | 3.2         | 3.4       |

### UTILISATION LIMITS

Using the maximum travel

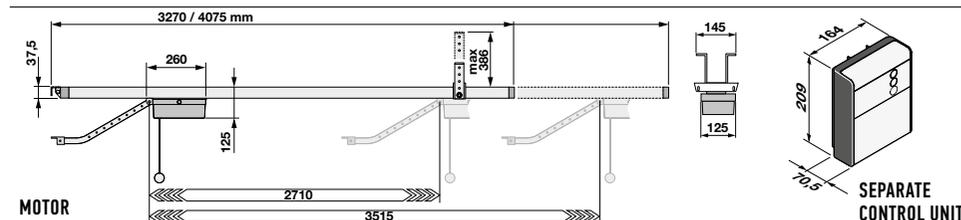
|                        | NON-PROJECTING UP-AND-OVER DOOR (WITH SPAS) |       | PROJECTING UP-AND-OVER DOOR (WITH SPAS) ACCESSORY OR WITH SPRINGS (WITHOUT SPAS) |       | SECTIONAL |       |
|------------------------|---|-------|--|-------|-----------|-------|
|                        | H   | L     | H  | L     | H         | L     |
| SPY650 with 3.2 m rail | 2.3 m                                       | 4 m   | 2.8 m  | 4 m   | 2.5 m     | 4.2 m |
| SPY650 with 4 m rail   | 3.1 m                                       | 3 m   | 3.5 m  | 3.3 m | 3.3 m     | 3.2 m |
| SPY800 with 4 m rail   | 2.3 m                                       | 5 m   | 2.8 m  | 5 m   | 2.5 m     | 5 m   |
| SPY800 with 4 m rail   | 3.1 m                                       | 3.7 m | 3.5 m  | 4 m   | 3.3 m     | 3.8 m |

### RAIL TECHNICAL SPECIFICATIONS

| CODE                             | SPYRAIL321          | SPYRAIL162                 | SPYRAIL081*                       |
|----------------------------------|---------------------|----------------------------|-----------------------------------|
| TYPE                             | 3.2 m (one section) | 3.2 m (2 pcs length 1,6 m) | 0.8 m (rails to reach length 4 m) |
| INSTALLED RAIL LENGTH (mm)       | 3.270               |                            | 4.075                             |
| USEFUL TRAVEL (mm)               | 2.710               |                            | 3.515                             |
| WEIGHT (kg)                      | 7.5                 | 8.35                       | 3.3                               |
| PACK DIMENSIONS (mm)             | 3.230x110x50        | 1.760x110x50               | 960x110x50                        |
| ACCESSORIES PACK DIMENSIONS (mm) | 400x400x90          |                            |                                   |

\*To be used in combination with SPYRAIL321 e SPYRAIL162 rails

### DIMENSIONS



### THE KIT CONTAINS:

**SPY650KCE:**  
1 SPY650 GEARMOTOR,  
650 N.

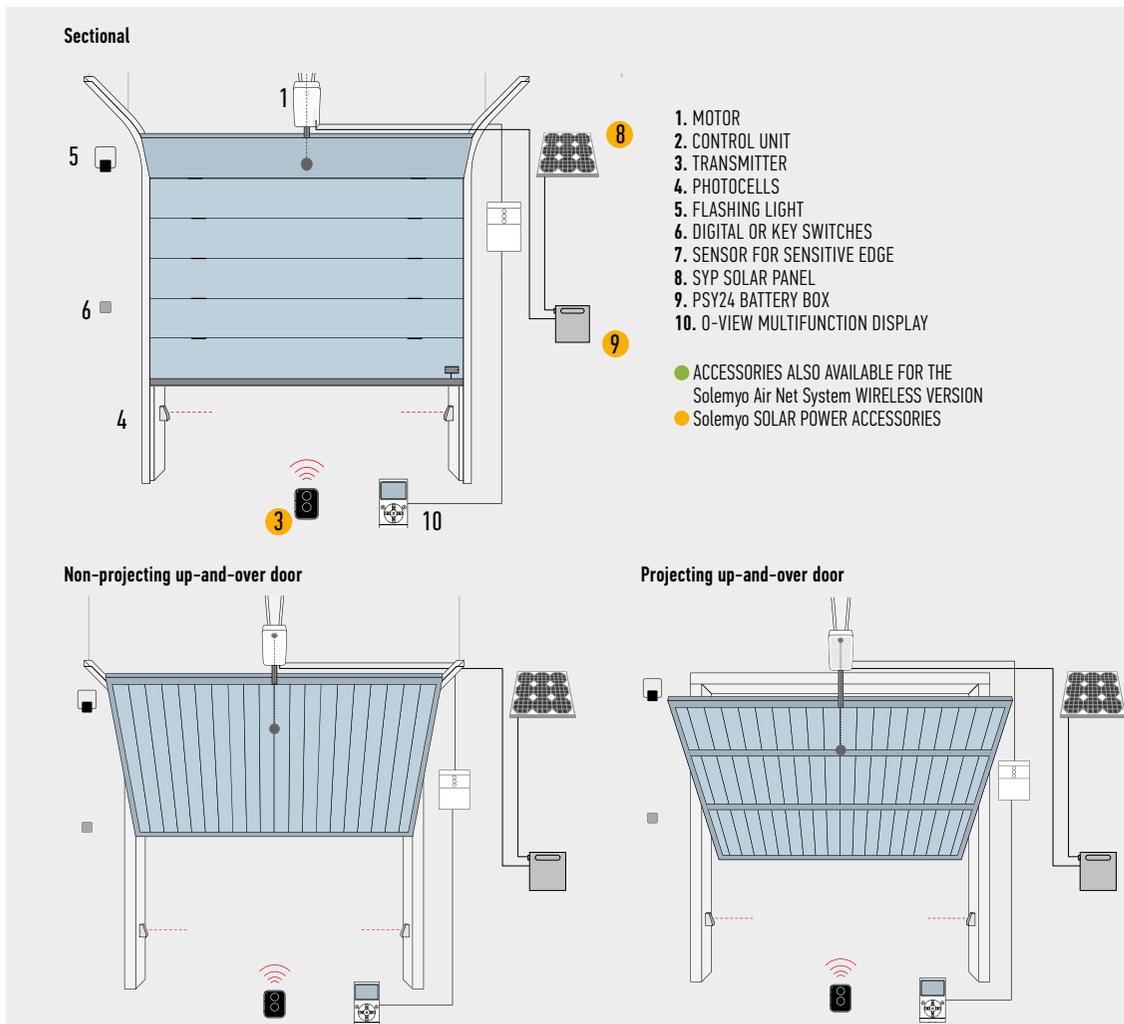
**SPY800KCE:**  
1 SPY800 GEARMOTOR,  
800 N.

**SPYBOXB**  
1 CONTROL UNIT WITH BUILT-IN  
LED COURTESY LIGHT, RECEIVER  
OR OXI CONNECTION, AND  
BACKUP BATTERIES.

**FLO2RE**  
1 X 433.92 MHz 2 CHANNEL  
TRANSMITTER.



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

| CODE    | RECEIVER  |      |     | TRANSMITTER |           |          |         | PHOTOCELLS |     |     |     |      |      |      |      | FLASHING LIGHT |       |        |    |      |     |     |
|---------|-----------|------|-----|-------------|-----------|----------|---------|------------|-----|-----|-----|------|------|------|------|----------------|-------|--------|----|------|-----|-----|
|         | Built-in* | SMXI | OXI | ERA INTI    | ERA ONE** | ERA FLOR | NICEWAY | TTX4       | EPS | EPM | EPL | EPSB | EPMB | EPLB | F210 | FT210          | F210B | FT210B | EL | EL24 | ELB | WLT |
| SPYBOX  | ●         |      |     | ●           | ●         | ●        | ●       | ●          | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●              | ●     | ●      |    | ●    | ●   | ●   |
| SPYBOXB | ●         | ●    | ●   | ●           | ●         | ●        | ●       | ●          | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●              | ●     | ●      | ●  | ●    | ●   | ●   |

\*Radio receiver incompatible with Opera system

\*\*ERA ONE remote controls, when used with SPYBOX, work as ERA FLOR models.

## ACCESSORIES

**PS324**  
24 V BATTERY WITH INTEGRATED BATTERY CHARGER. ONLY FOR TN2010L.  
PC/PACK 1

**SPA5**  
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.  
PC/PACK 1

**SPA6**  
LARGE 585 mm LONG CONNECTING ARM.  
PC/PACK 1

**KI1**  
OUTSIDE RELEASE KIT WITH METAL PULL-CORD AND LOCK AND KEY.  
PCS./PACK 1

**SPA2**  
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.  
PCS./PACK 1

**IBT4N**  
INTERFACE FOR CONNECTING THE 0-VIEW PROGRAMMING UNIT.  
PCS./PACK 1

**TS**  
SIGNBOARD.  
PCS./PACK 1

**SOLEMYO KIT**  
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# SPINBUS

SOLEMYO OPERA BLUEBUS 24V

**For sectional doors up to 12.5 m<sup>2</sup> and up-and-over garage doors up to 11.8 m<sup>2</sup>.** Irreversible electromechanical gear motor, for residential use, with belt drive, 24 Vdc motor, with magnetic encoder.

**Complete version of the guide in 3x1 m sections.**

**Rapid installation - anywhere!**

The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

THREE-SECTION GUIDE  
IN GALVANISED STEEL  
WITH BELT DRIVE SYSTEM,  
VERY QUIET



BY ROTATING THE "PETAL"  
WHICH DIFFUSES THE LIGHT (40 W!),  
USERS ACCESS THE INCORPORATED  
BLUEBUS CONTROL UNIT

## Guaranteed savings and respect for the environment:

with the connection to the mains in standby mode the control unit with radio connected consumes just 0.8 W (SPIN30) and 1.2 W (SPIN40); when connected to a battery or to the Solemyo kit, consumption in standby mode is reduced to 0.036 W.

## User-friendly thanks to the BlueBUS system:

which enables connection by means of just two wires between the control unit and pair of photocells.

**Safe:** obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.

Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Can be connected with latest generation sensitive edges 8.2 KOhm.

**Luminous:** 40 W lamp that can be used as garage lightning.

| CODE   | DESCRIPTION  | PACK/PALLET |
|--------|--|-------------|
| SPIN30 | IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 800 N. COMPLETE WITH GUIDE IN THREE 1 m-SECTIONS  | 15          |
| SPIN40 | IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 1000 N. COMPLETE WITH GUIDE IN THREE 1 m-SECTIONS | 15          |

## TECHNICAL SPECIFICATIONS

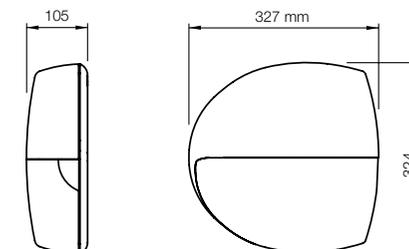
| CODE                                | SPIN30        | SPIN40 |
|-------------------------------------|---------------|--------|
| <b>ELECTRICAL DATA</b>              |               |        |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |        |
| ABSORPTION (A)                      | 1.3           | 1.4    |
| POWER (W)                           | 350           | 370    |
| <b>PERFORMANCE DATA</b>             |               |        |
| SPEED (m/s)                         | 0.20          |        |
| FORCE (N)                           | 800           | 1000   |
| WORK CYCLE (CYCLES/DAY)             | 50            |        |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |        |
| PROTECTION LEVEL (IP)               | 40            |        |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |        |
| DIMENSIONS (mm)                     | 311x327x105 h |        |
| WEIGHT (kg)                         | 3.6           | 4.7    |

## UTILISATION LIMITS

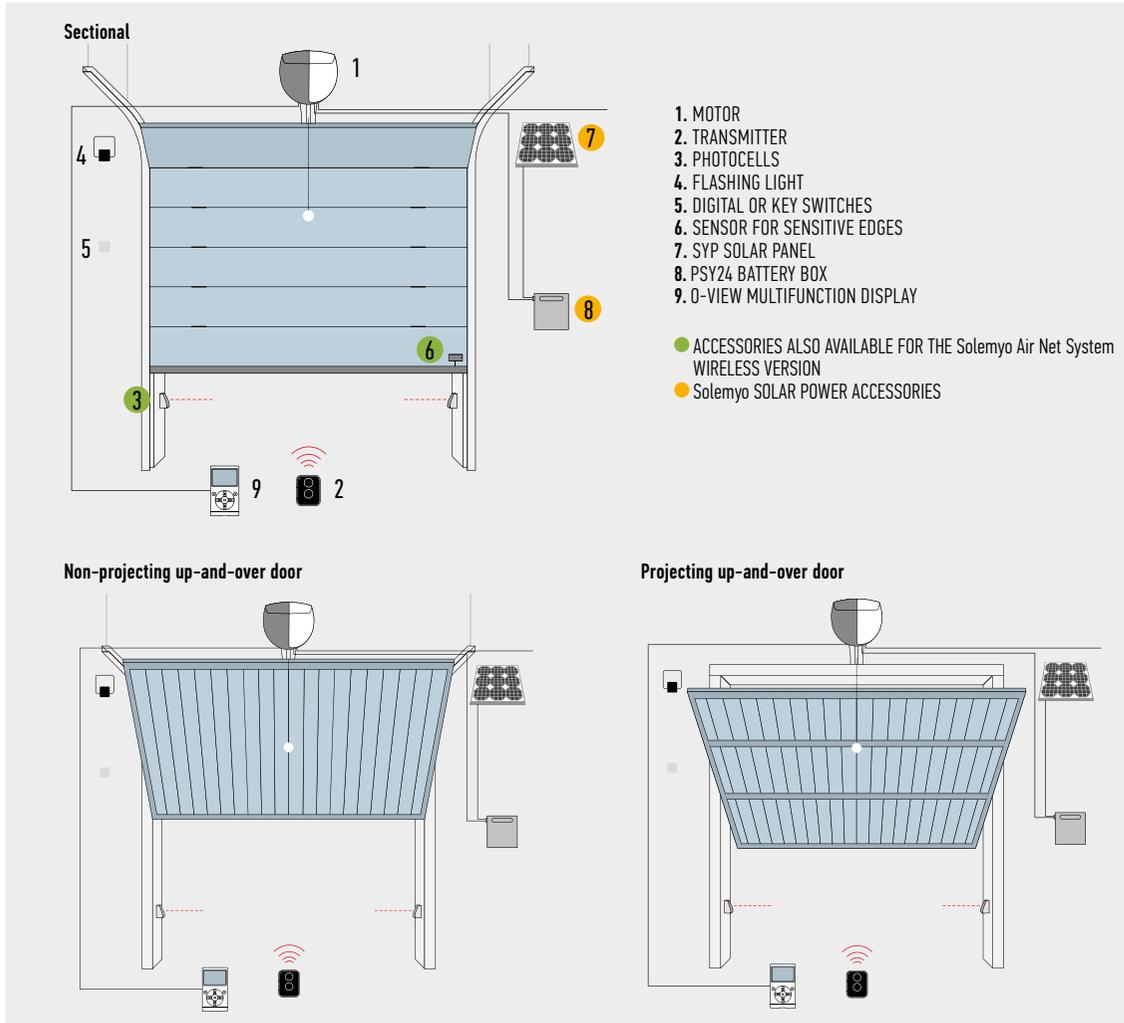
Using the maximum travel

|        | NON-PROJECTING UP-AND-OVER DOOR |       | PROJECTING UP-AND-OVER DOOR |       | SECTIONAL |       |
|--------|---------------------------------|-------|-----------------------------|-------|-----------|-------|
|        | H                               | L     | H                           | L     | H         | L     |
| SPIN30 | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 5 m   |
| SPIN40 | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 5.2 m |

## DIMENSIONS



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

| CODE   | RECEIVER  |          | TRANSMITTER |          |         |          | PHOTOCELLS |     |     |     |      |      |      |      | FLASHING LIGHT |       |        |    |      |     |     |
|--------|-----------|----------|-------------|----------|---------|----------|------------|-----|-----|-----|------|------|------|------|----------------|-------|--------|----|------|-----|-----|
|        | Built-in* | FLOX/ZR* | DXI         | ERA INTI | ERA ONE | ERA FLOR | NICEWAY    | EPS | EPM | EPL | EPSB | EPMB | EPLB | FZ10 | FTZ10          | FZ10B | FTZ10B | EL | ELZ4 | ELB | WLT |
| SPIN30 |           |          | ●           | ●        | ●       | ●        | ●          |     |     |     | ●    | ●    | ●    |      |                | ●     | ●      |    |      | ●   | ●   |
| SPIN40 |           |          | ●           | ●        | ●       | ●        | ●          |     |     |     | ●    | ●    | ●    |      |                | ●     | ●      |    |      | ●   | ●   |

\*Radio receiver incompatible with Opera system

## ACCESSORIES



**SNA3**  
SPARE CONTROL UNIT  
FOR SPIN30/SN6031.



**SNA4**  
SPARE CONTROL UNIT  
FOR SPIN40/SN6041.



**PS124**  
24 V BATTERY  
WITH INTEGRATED  
BATTERY CHARGER.  
PC/PACK 1



**SPA2**  
KIT FOR UNLOCKING FROM  
THE OUTSIDE WITH CABLE.  
PC/PACK 1



**SPA5**  
OSCILLATING ARM SLIDING  
ON BEARINGS WITH OPTIMISED  
STRUCTURE FOR PROJECTING  
UP-AND-OVER DOORS.  
PC/PACK 1



**SPA6**  
LARGE 585 mm LONG  
CONNECTING ARM.  
PC/PACK 1



**SPA7**  
KIT OF TWO ADDITIONAL  
FIXING BRACKETS.  
PC/PACK 2



**SNA16**  
QUICK-CONNECT BRACKETS  
FOR CEILING MOUNTING.  
PC/PACK 10



**TS**  
SIGNBOARD.  
PC/PACK 1



**SOLEMYO KIT**  
THE SOLAR POWER TO  
AUTOMATE GATES, GARAGE  
DOORS OR BARRIER GATES.  
SEE PAGE 206

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SPINBUS

SOLEMYO OPERA BLUEBUS 24V

**For sectional doors up to 17.5 m<sup>2</sup> and up-and-over garage doors up to 14.7 m<sup>2</sup>.** 230 Vac irreversible electromechanical gear motor, for residential use, with belt drive, 24 Vdc motor, with magnetic encoder.

**To use with the SNA30 - SNA31 guides.**

**Rapid installation - anywhere!**

The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

**Guaranteed savings and respect for the environment:**

when connected to the mains on standby the control unit with radio connected consumes just 0.8 W (SN6031) and 1.2 W (SN6041); when connected to a battery or to the Solemyo kit, consumption in standby mode is reduced to 0.036 W.

**User-friendly thanks to the BlueBUS system:**

which enables connection by means of just two wires between the control unit and pair of photocells.

**Safe:** obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.

Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Can be connected with latest generation sensitive edges 8.2 KOhm.

**Luminous:** 40 W lamp that can be used as garage lightning.



BY ROTATING THE "PETAL" WHICH DIFFUSES THE LIGHT USERS ACCESS THE INCORPORATED BLUEBUS CONTROL UNIT

| CODE   | DESCRIPTION   | PACK/PALLET |
|--------|---|-------------|
| SN6031 | IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 800 N  | 15          |
| SN6041 | IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 1000 N | 15          |

| CODE  | DESCRIPTION                   | PACK/PALLET |
|-------|-------------------------------|-------------|
| SNA30 | PREASSEMBLED 3 m GUIDE        | 1           |
| SNA31 | 1 m EXTENSION FOR GUIDE SNA30 | 1           |

## TECHNICAL SPECIFICATIONS

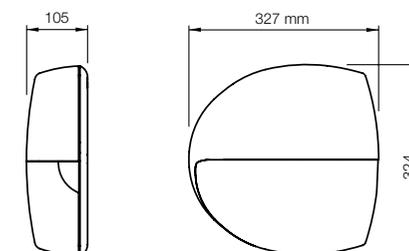
| CODE                                | SN6031        | SN6041 |
|-------------------------------------|---------------|--------|
| <b>ELECTRICAL DATA</b>              |               |        |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |        |
| ABSORPTION (A)                      | 1.3           | 1.4    |
| POWER (W)                           | 350           | 370    |
| <b>PERFORMANCE DATA</b>             |               |        |
| SPEED (m/s)                         | 0.20          |        |
| FORCE (N)                           | 800           | 1000   |
| WORK CYCLE (CYCLES/DAY)             | 50            |        |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |        |
| PROTECTION LEVEL (IP)               | 40            |        |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |        |
| DIMENSIONS (mm)                     | 311x327x105 h |        |
| WEIGHT (kg)                         | 3.6           | 4.7    |

## UTILISATION LIMITS

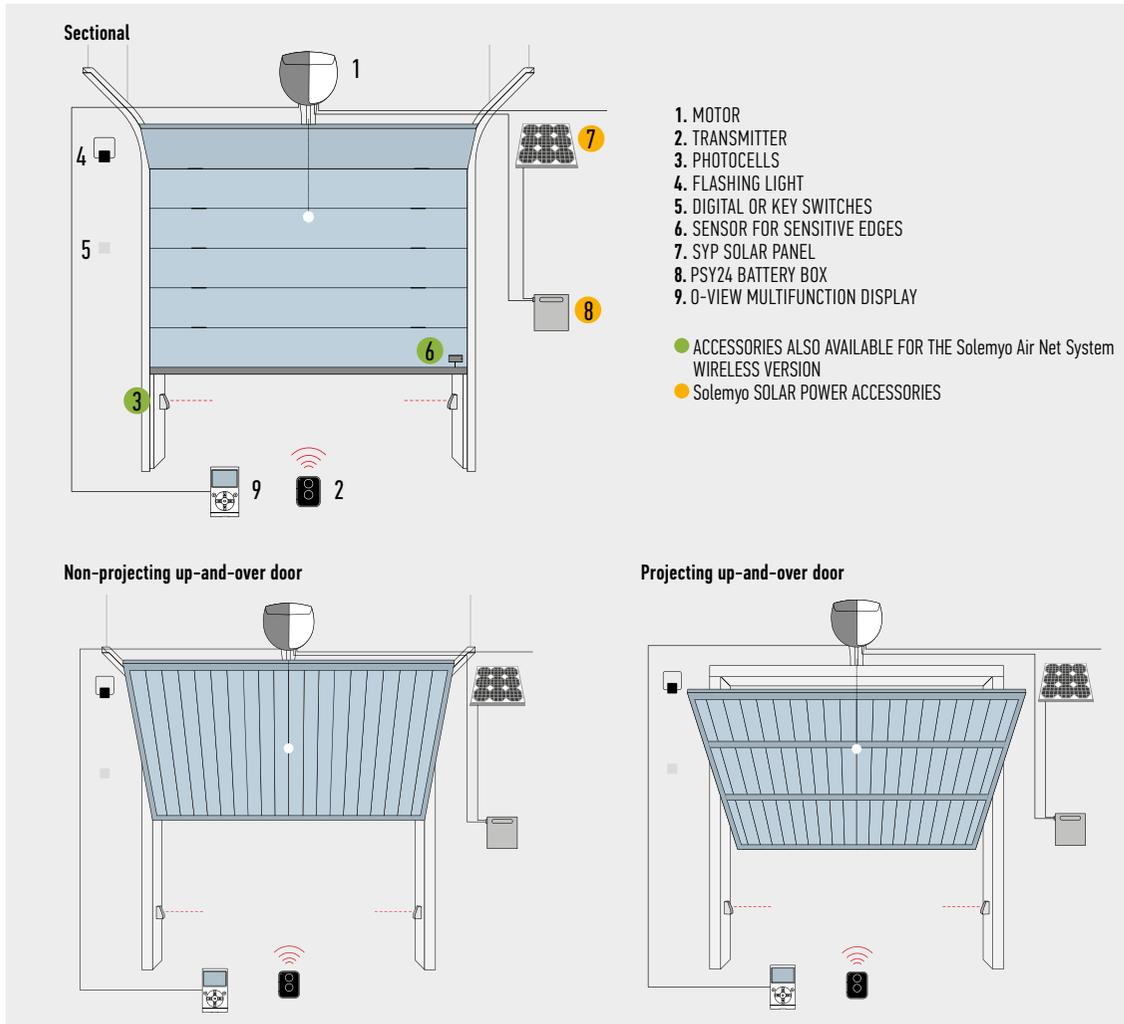
Using the maximum travel

|                           | NON-PROJECTING UP-AND-OVER DOOR |       | PROJECTING UP-AND-OVER DOOR |       | SECTIONAL |       |
|---------------------------|---------------------------------|-------|-----------------------------|-------|-----------|-------|
|                           | H                               | L     | H                           | L     | H         | L     |
| SN6031 WITH SNA30         | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 5 m   |
| SN6041 WITH SNA30         | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 5.2 m |
| SN6031 WITH SNA30 + SNA31 | 3.2 m                           | 2.9 m | 3.5 m                       | 3.4 m | 3.4 m     | 3.5 m |
| SN6041 WITH SNA30 + SNA31 | 3.2 m                           | 4.2 m | 3.5 m                       | 4.2 m | 3.4 m     | 5.2 m |

## DIMENSIONS



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

| CODE   | RECEIVER  |          | TRANSMITTER |          |         |          | PHOTOCELLS |     |     |     |      |      |      |      | FLASHING LIGHT |       |        |    |      |     |     |
|--------|-----------|----------|-------------|----------|---------|----------|------------|-----|-----|-----|------|------|------|------|----------------|-------|--------|----|------|-----|-----|
|        | Built-in* | FLOXIZR* | DXI         | ERA INTI | ERA ONE | ERA FLOR | NICEWAY    | EPS | EPM | EPL | EPSB | EPMB | EPLB | FZ10 | FT210          | FZ10B | FT210B | EL | EL24 | ELB | WLT |
| SN6031 |           |          | ●           | ●        | ●       | ●        | ●          |     |     |     | ●    | ●    | ●    |      |                | ●     | ●      |    |      | ●   | ●   |
| SN6041 |           |          | ●           | ●        | ●       | ●        | ●          |     |     |     | ●    | ●    | ●    |      |                | ●     | ●      |    |      | ●   | ●   |

\*Radio receiver incompatible with Opera system

## ACCESSORIES



**SNA3**  
SPARE CONTROL UNIT  
FOR SPIN30/SN6031.



**SNA4**  
SPARE CONTROL UNIT  
FOR SPIN40/SN6041.



**PS124**  
24 V BATTERY  
WITH INTEGRATED  
BATTERY CHARGER.  
PC/PACK 1



**SPA2**  
KIT FOR UNLOCKING FROM  
THE OUTSIDE WITH CABLE.  
PC/PACK 1



**SPA5**  
OSCILLATING ARM SLIDING  
ON BEARINGS WITH OPTIMISED  
STRUCTURE FOR PROJECTING  
UP-AND-OVER DOORS.  
PC/PACK 1



**SPA6**  
LARGE 585 mm LONG  
CONNECTING ARM.  
PC/PACK 1



**SPA7**  
KIT OF TWO ADDITIONAL  
FIXING BRACKETS.  
PC/PACK 2



**SNA16**  
QUICK-CONNECT BRACKETS  
FOR CEILING MOUNTING.  
PC/PACK 10



**TS**  
SIGNBOARD.  
PC/PACK 1



**SOLEMYO KIT**  
THE SOLAR POWER TO  
AUTOMATE GATES, GARAGE  
DOORS OR BARRIER GATES.  
SEE PAGE 206

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SPINBUSKIT 20/21/22

BLUEBUS 24V

For sectional doors up to 10.5 m<sup>2</sup>  
and up-and-over garage doors up to 11.8 m<sup>2</sup>.

### Three versions in kit:

- pre-mounted, **guide in three 1-metre sections** SPIN20KCE,
- **with pre-mounted guide of 3 m** SPIN21KCE or **pre-mounted**
- **guide of 4 m (3+1 m)** SPIN22KCE.

### Rapid installation - anywhere!

The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

### User-friendly thanks to the BlueBUS system:

which enables connection by means of just two wires between the control unit and pair of photocells.

**Safe:** obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.

Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Can be connected with last generation sensitive edges 8.2 KOhm.

Courtesy light: 21 W lamp.

| CODE      | DESCRIPTION   | PACK/PALLET |
|-----------|---|-------------|
| SPIN20KCE | KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS.<br>GUIDE IN THREE 1-METRE SECTIONS                    | 14          |
| SPIN21KCE | KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS.<br>PRE-MOUNTED GUIDE OF 3 m                           | 15          |
| SPIN22KCE | KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS.<br>GUIDE IN ONE 3-METRE SECTION + ONE 1-METRE SECTION | 15          |

**N.B.** The content of the package may vary: consult the retailer.

### TECHNICAL SPECIFICATIONS

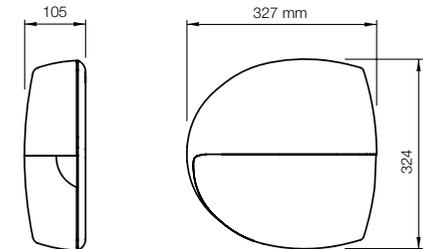
| CODE                                | SN6021        |
|-------------------------------------|---------------|
| <b>ELECTRICAL DATA</b>              |               |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |
| ABSORPTION (A)                      | 0.8           |
| POWER (W)                           | 250           |
| <b>PERFORMANCE DATA</b>             |               |
| SPEED (m/s)                         | 0.20          |
| FORCE (N)                           | 650           |
| WORK CYCLE (CYCLES/DAY)             | 50            |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |
| PROTECTION LEVEL (IP)               | 40            |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |
| DIMENSIONS (mm)                     | 311x327x105 h |
| WEIGHT (kg)                         | 3.6           |

### UTILISATION LIMITS

Using the maximum travel

|           | NON-PROJECTING UP-AND-OVER DOOR |       | PROJECTING UP-AND-OVER DOOR |       | SECTIONAL |       |
|-----------|---------------------------------|-------|-----------------------------|-------|-----------|-------|
|           | H                               | L     | H                           | L     | H         | L     |
| SPIN20KCE | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 4.4 m |
| SPIN21KCE | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 4.4 m |
| SPIN22KCE | 3.2 m                           | 2.9 m | 3.5 m                       | 3.4 m | 3.4 m     | 3.1 m |

### DIMENSIONS



### THE KIT CONTAINS:

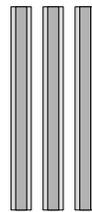
**SN6021**  
1 GEAR MOTOR WITH  
BUILT-IN SNA2 CONTROL  
UNIT AND SMXI PLUG-IN  
RECEIVER.



**FLO2RE**  
1 TRANSMITTER  
433.92 MHz, 2 CHANNELS.



**SPIN20KCE**  
GUIDE  
IN THREE 1-METRE SECTIONS.



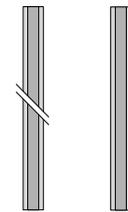
3 x 1 m

**SPIN21KCE**  
GUIDE  
IN ONE 3-METRE SECTION.



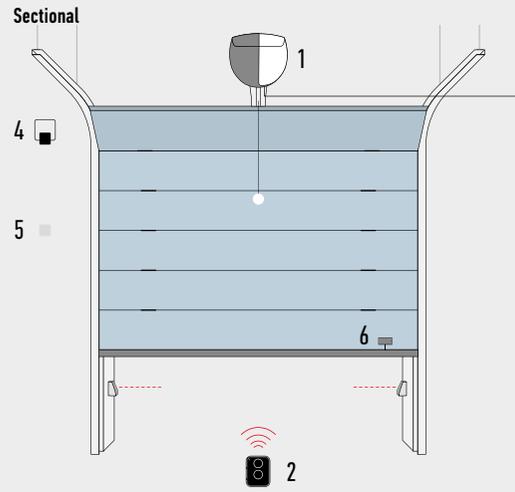
1 x 3 m

**SPIN22KCE**  
GUIDE  
IN ONE 3-METRE SECTION.  
+ ONE 1-METRE SECTION.



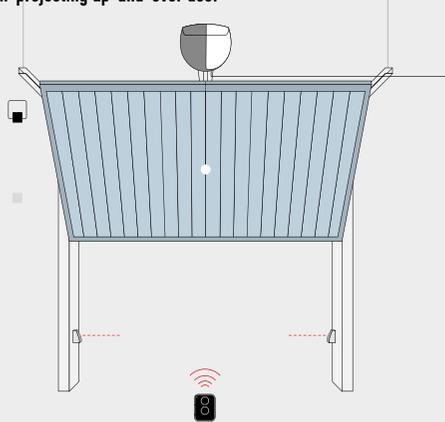
1 x 3 m 1 x 1 m

## INSTALLATION DIAGRAM

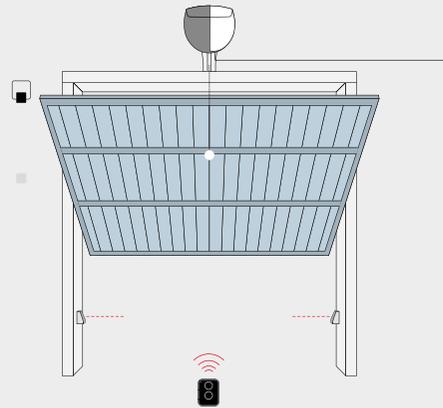


1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SENSOR FOR SENSITIVE EDGES

Non-projecting up-and-over door



Projecting up-and-over door



## ACCESSORIES



**SNA2**  
SPARE CONTROL UNIT  
FOR SPIN20KCE, SPIN21KCE  
AND SPIN22KCE.



**SPA2**  
KIT FOR UNLOCKING FROM  
THE OUTSIDE WITH CABLE.  
PC/PACK 1



**SPA5**  
OSCILLATING ARM SLIDING  
ON BEARINGS WITH  
OPTIMISED STRUCTURE  
FOR PROJECTING  
UP-AND-OVER DOORS.  
PC/PACK 1



**SPA6**  
LARGE 585 mm LONG  
CONNECTING ARM.  
PC/PACK 1



**SPA7**  
KIT OF TWO ADDITIONAL  
FIXING BRACKETS.  
PC/PACK 2



**SNA16**  
QUICK-CONNECT BRACKETS  
FOR CEILING MOUNTING.  
PC/PACK 10



**TS**  
SIGNBOARD.  
PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SPINBUSKIT 23

SOLEMYO OPERA BLUEBUS 24V

For sectional doors up to 10.5 m<sup>2</sup>  
and up-and-over garage doors up to 11.8 m<sup>2</sup>.

With pre-mounted 3-metre guide.

Rapid installation - anywhere!

The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

**Guaranteed savings and respect for the environment:** with connection to the mains in standby mode the control unit with radio connected consumes just 5.2 W; when connected to a battery or to the Solemyo kit, consumption on standby is reduced to 0.036 W.

**Safe:** obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light. Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre. Can be connected with last generation sensitive edges 8.2 KOhm.

**Courtesy light:** 21 W lamp.

**No black out:** operation in the event of a power failure with optional batteries (PS124) housed inside the motor.

| CODE      | DESCRIPTION   | PACK/PALLET |
|-----------|---|-------------|
| SPIN23KCE | KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS.<br>PRE-MOUNTED GUIDE IN ONE 3-METRE SECTION | 15          |

**N.B.** The content of the package may vary; consult the retailer.

## TECHNICAL SPECIFICATIONS

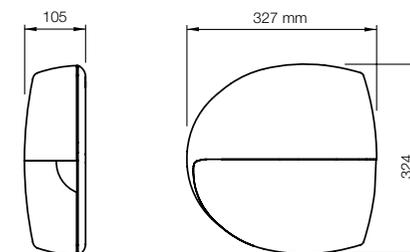
| CODE                                | SN6021        |
|-------------------------------------|---------------|
| <b>ELECTRICAL DATA</b>              |               |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |
| ABSORPTION (A)                      | 0.8           |
| POWER (W)                           | 250           |
| <b>PERFORMANCE DATA</b>             |               |
| SPEED (m/s)                         | 0.20          |
| FORCE (N)                           | 650           |
| WORK CYCLE (CYCLES/DAY)             | 50            |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |
| PROTECTION LEVEL (IP)               | 40            |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |
| DIMENSIONS (mm)                     | 311x327x105 h |
| WEIGHT (kg)                         | 3.6           |

## UTILISATION LIMITS

Using the maximum travel

|           | NON-PROJECTING UP-AND-OVER DOOR |       | PROJECTING UP-AND-OVER DOOR |       | SECTIONAL |       |
|-----------|---------------------------------|-------|-----------------------------|-------|-----------|-------|
|           | H                               | L     | H                           | L     | H         | L     |
| SPIN23KCE | 2.2 m                           | 4.2 m | 2.8 m                       | 4.2 m | 2.4 m     | 4.4 m |

## DIMENSIONS



## THE KIT CONTAINS:

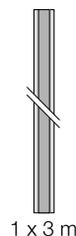
**SN6021**  
1 GEAR MOTOR WITH BUILT-IN CONTROL UNIT AND SMXI PLUG-IN RECEIVER.



**FLO2RE**  
1 TRANSMITTER  
433.92 MHz, 2 CHANNELS.

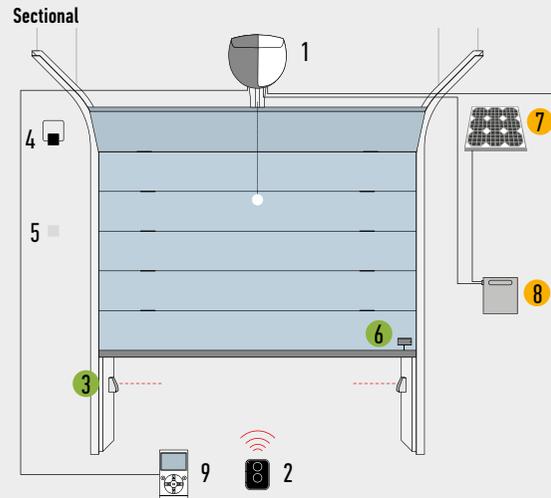


**SNA30**  
GUIDE  
IN ONE 3-METRE SECTION.



1 x 3 m

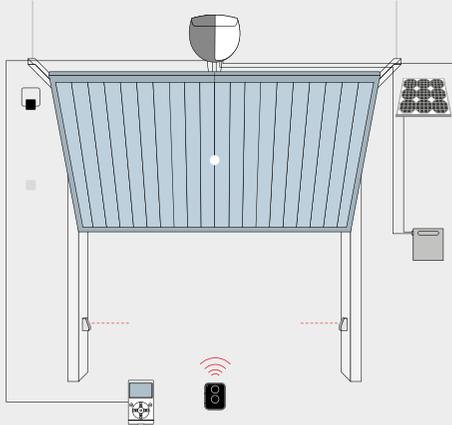
## INSTALLATION DIAGRAM



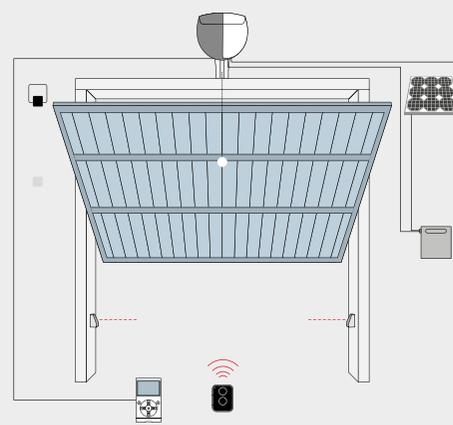
1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SENSOR FOR SENSITIVE EDGES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. 0-VIEW MULTIFUNCTION DISPLAY

- ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
- Solemyo SOLAR POWER ACCESSORIES

Non-projecting up-and-over door



Projecting up-and-over door



## ACCESSORIES



**SNA20**  
SPARE CONTROL UNIT  
FOR SPIN23KCE.



**PS124**  
24 V BATTERY  
WITH INTEGRATED  
BATTERY CHARGER.  
PC/PACK 1



**SPA2**  
KIT FOR UNLOCKING FROM  
THE OUTSIDE WITH CABLE.  
PC/PACK 1



**SPA5**  
OSCILLATING ARM SLIDING  
ON BEARINGS WITH OPTIMISED  
STRUCTURE FOR PROJECTING  
UP-AND-OVER DOORS.  
PC/PACK 1



**SPA6**  
LARGE 585 mm LONG  
CONNECTING ARM.  
PC/PACK 1



**SPA7**  
KIT OF TWO ADDITIONAL  
FIXING BRACKETS.  
PC/PACK 2



**SNA16**  
QUICK-CONNECT BRACKETS  
FOR CEILING MOUNTING.  
PC/PACK 10



**TS**  
SIGNBOARD.  
PC/PACK 1



**SOLEMYO KIT**  
THE SOLAR POWER TO  
AUTOMATE GATES, GARAGE  
DOORS OR BARRIER GATES.  
SEE PAGE 206

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SPINKIT

24V

**For sectional doors up to 8.8 m<sup>2</sup> and up-and-over garage doors up to 9.8 m<sup>2</sup>, belt drive.**

**Two versions in kit:**

- pre-assembled, **3x1 m sections guide** (SPIN10KCE)
- **pre-assembled 3 m guide** (SPIN11KCE).

**Advanced:** incorporated radio card, compatible with the Nice Flo, FloR and Smilo systems: 150 transmitters can be entered! Input for photocells and possibility of connecting photo-test with self-learning function during installation.

**Safe:** obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light. Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre. Can be connected with last generation sensitive edges 8.2 KOhm.

| CODE             | DESCRIPTION  |
|------------------|--|
| <b>SPIN10KCE</b> | KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS.<br>3X1 m-SECTIONS LINEAR GUIDE |
| <b>SPIN11KCE</b> | KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS.<br>3 m PRE-ASSEMBLED GUIDE     |

**N.B.** The content of the package may vary: consult the retailer.

## TECHNICAL SPECIFICATIONS

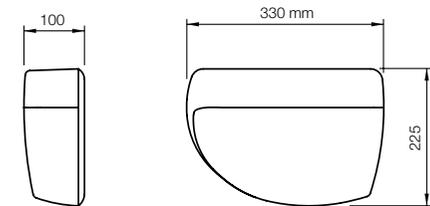
| CODE                                | SN6011        |
|-------------------------------------|---------------|
| <b>ELECTRICAL DATA</b>              |               |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |
| ABSORPTION (A)                      | 0.7           |
| POWER (W)                           | 200           |
| <b>PERFORMANCE DATA</b>             |               |
| SPEED (m/s)                         | 0.14          |
| FORCE (N)                           | 550           |
| WORK CYCLE (CYCLES/DAY)             | 30            |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |
| PROTECTION LEVEL (IP)               | 40            |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |
| DIMENSIONS (mm)                     | 225x330x100 h |
| WEIGHT (kg)                         | 3.3           |

## UTILISATION LIMITS

Using the maximum travel

|                  | NON-PROJECTING UP-AND-OVER DOOR |       | PROJECTING UP-AND-OVER DOOR |       | SECTIONAL |       |
|------------------|---------------------------------|-------|-----------------------------|-------|-----------|-------|
|                  | H                               | L     | H                           | L     | H         | L     |
| <b>SPIN10KCE</b> | 2.2 m                           | 3.5 m | 2.8 m                       | 3.5 m | 2.4 m     | 3.7 m |
| <b>SPIN11KCE</b> | 2.2 m                           | 3.5 m | 2.8 m                       | 3.5 m | 2.4 m     | 3.7 m |

## DIMENSIONS



## THE KIT CONTAINS:

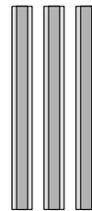
**SN6011**  
1 GEAR MOTOR SN6011 WITH INCORPORATED CONTROL UNIT AND PLUG-IN RECEIVER.



**FLO2RE**  
1 TRANSMITTER  
433.92 MHz, 2 CHANNELS.



**SPIN10KCE**  
GUIDE  
IN THREE 1-METRE SECTIONS.



3 x 1 m

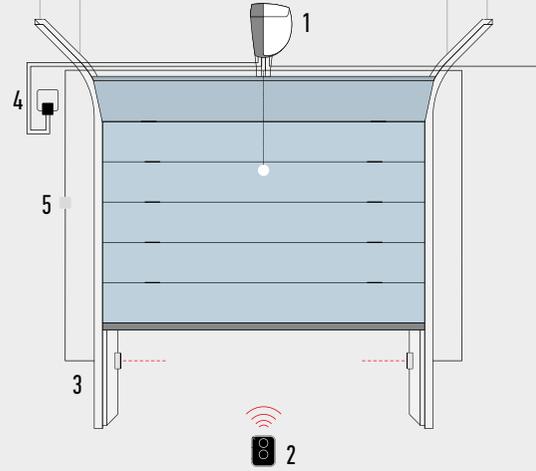
**SPIN11KCE**  
GUIDE  
IN ONE 3-METRE SECTION.



1 x 3 m

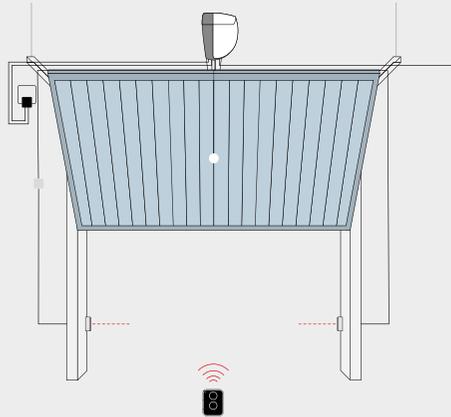
## INSTALLATION DIAGRAM

### Sectional

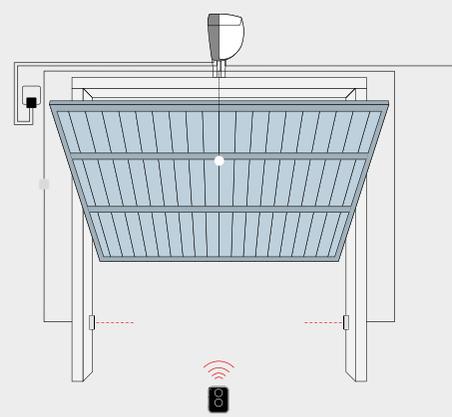


1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES

### Non-projecting up-and-over door



### Projecting up-and-over door



## ACCESSORIES



**SNA1**  
SPARE CONTROL UNIT  
FOR SPIN10KCE  
AND SPIN11KCE.



**SPA2**  
KIT FOR UNLOCKING FROM  
THE OUTSIDE WITH CABLE.  
PC/PACK 1



**SPA5**  
OSCILLATING ARM SLIDING  
ON BEARINGS WITH OPTIMISED  
STRUCTURE FOR PROJECTING  
UP-AND-OVER DOORS.  
PC/PACK 1



**SPA6**  
LARGE 585 mm LONG  
CONNECTING ARM.  
PC/PACK 1



**SPA7**  
KIT OF TWO ADDITIONAL  
FIXING BRACKETS.  
PC/PACK 2



**SNA16**  
QUICK-CONNECT BRACKETS  
FOR CEILING MOUNTING.  
PC/PACK 10



**TS**  
SIGNBOARD.  
PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

**For projecting and non projecting up-and-over doors up to 9 m<sup>2</sup> (up to 16 m<sup>2</sup> using 2 motors). 24 Vdc electromechanical gear motor.**

**Three versions, standard and upgraded:**

- with built-in control unit, force regulator and absolute encoder (TN2010L);
- with incorporated control unit and receiver, electromechanical limit switch (TN2030L);
- without control unit (TN2020L).

**Reliable and precise:** memorisation of the opening and closing limit switch positions; gradual starting and slowdown during closing.

**Safe:** obstacle detection system and monitoring of the motor absorption during movement, self-diagnosis by means of a flashing light, courtesy light. The latest generation optical and resistive 8.2 KOhm sensitive edges can also be connected.

**Functional:** possibility to connect a second motor without control unit TN2020L, to automate doors up to 16 m<sup>2</sup>.

**TN2030L model with built-in radio receiver compatible with Nice system Flo, FloR and Smilo.**

**TN2010L version with BlueBUS technology and compatible for operation with Solemyo and Opera systems.**

**Advanced:** the absolute encoder technology guarantees precision without the need of a limit switch, reliability and the long term safeguard of the set values.

**Simple:** thanks to the BlueBUS technology which enables connection by means of just two wires between the control unit and photocells.

**Energy saving:** the system enters in stand-by when not in use.

**Practical:** the control unit and PS324 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

Compatible with Nice SMXI and OXI plug-in receivers (optional).



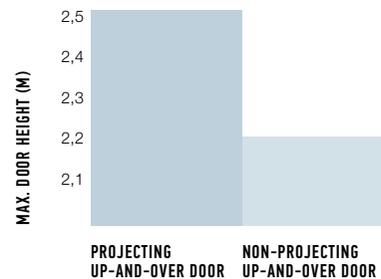
| CODE    | DESCRIPTION  | PACK/PALLET |
|---------|--|-------------|
| TN2010L | IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, COURTESY LIGHT, ABSOLUTE ENCODER WITH BLUEBUS TECHNOLOGY, COMPATIBLE FOR OPERA AND SOLEMYO SYSTEMS. UPGRADED VERSION | 15          |
| TN2030L | IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT AND RECEIVER, COURTESY LIGHT AND ELECTROMECHANICAL LIMIT SWITCH. UPGRADED VERSION                                     | 15          |
| TN2020L | IRREVERSIBLE, 24 Vdc, WITH COURTESY LIGHT, WITHOUT INCORPORATED CONTROL UNIT. UPGRADED VERSION   | 15          |

**TECHNICAL SPECIFICATIONS**

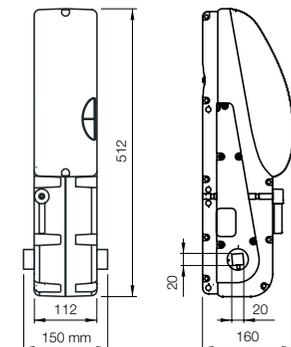
| CODE                                | TN2010L       | TN2010L+TN2020L | TN2030L | TN2030L+TN2020L |
|-------------------------------------|---------------|-----------------|---------|-----------------|
| <b>ELECTRICAL DATA</b>              |               |                 |         |                 |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |                 |         |                 |
| ABSORPTION (A)                      | 1             | 1.4             |         | 1.4             |
| POWER (W)                           | 240           | 350             | 220     | 330             |
| <b>PERFORMANCE DATA</b>             |               |                 |         |                 |
| SPEED (rpm)                         | 1.4           | 1.7             | 1.4     | 1.4             |
| TORQUE (Nm)                         | 600           | 750             | 420     | 700             |
| WORK CYCLE (CYCLES/HOUR)            | 15            | 25              | 20      | 10              |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |                 |         |                 |
| PROTECTION LEVEL (IP)               | 44            |                 |         |                 |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |                 |         |                 |
| DIMENSIONS (mm)                     | 150x158x512 h |                 |         |                 |
| WEIGHT (kg)                         | 10            | 17.2*           | 9.5     | 16.7*           |

\* 7.2 for TN2020/TN2020L

**UTILISATION LIMITS**

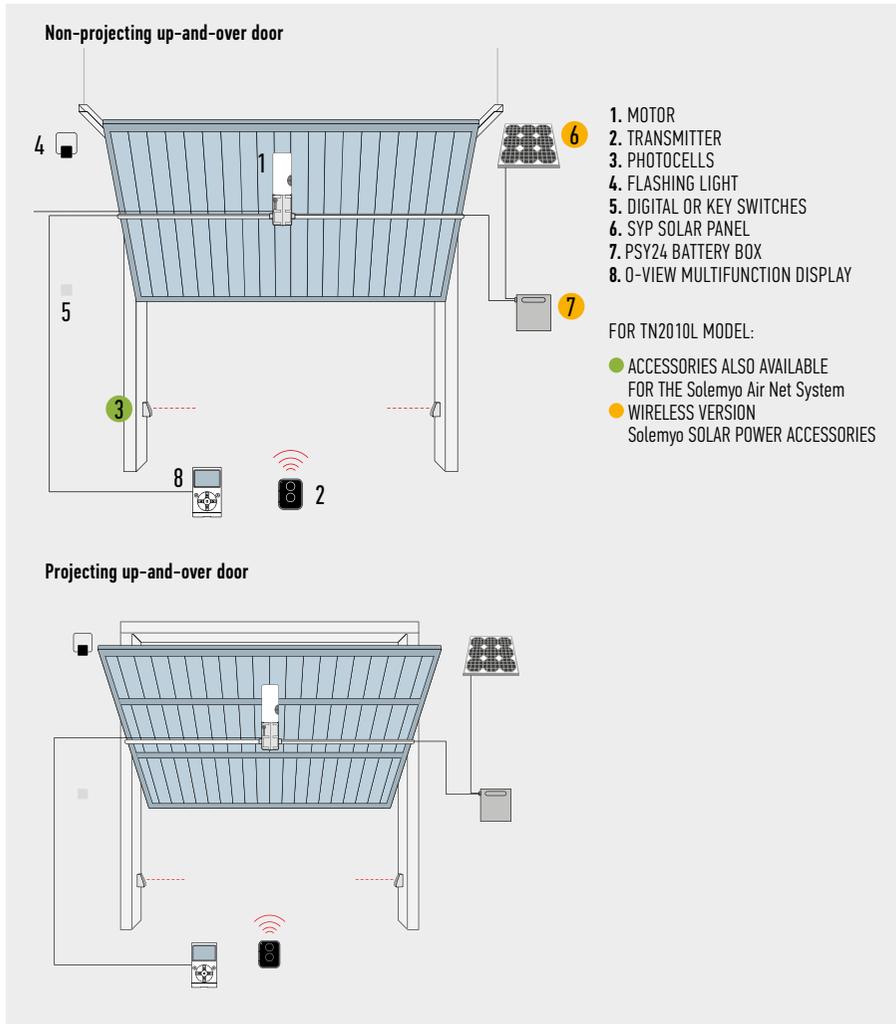


**DIMENSIONS**



N.B. The values indicated above refer to the use of motors with standard accessories.

## INSTALLATION DIAGRAM



## COMPATIBILITY

| CODE    | RECEIVER  |          | TRANSMITTER |          |         |          | PHOTOCELLS |     |     |     |      |      |      |      | FLASHING LIGHT |       |        |    |      |     |     |
|---------|-----------|----------|-------------|----------|---------|----------|------------|-----|-----|-----|------|------|------|------|----------------|-------|--------|----|------|-----|-----|
|         | Built-in* | FLOX/ZR* | OXI         | ERA INTI | ERA ONE | ERA FLOR | NICEWAY    | EPS | EPM | EPL | EPSB | EPMB | EPLB | FZ10 | FTZ10          | FZ10B | FTZ10B | EL | ELZ4 | ELB | WLT |
| TN2010L |           |          | ●           | ●        | ●       | ●        | ●          | ●   | ●   | ●   | ●    | ●    | ●    | ●    | ●              | ●     | ●      |    |      | ●   | ●   |
| TN2030L | ●         |          |             | ●        | ●       | ●        | ●          | ●   | ●   | ●   |      |      |      | ●    | ●              |       |        |    |      | ●   | ●   |

\*Radio receiver incompatible with Opera system

## ACCESSORIES

|   |  |  |  |   |
|---|--|--|--|---|
|   |  |  |  |   |
| <b>TNA1</b><br>SPARE CONTROL UNIT FOR TN2030L AND TNLKCE.         | <b>TNA2</b><br>SPARE CONTROL UNIT FOR TN2010L.                       | <b>PS324</b><br>24 V BATTERY WITH INTEGRATED BATTERY CHARGER. ONLY FOR TN2010L.<br>PC/PACK 1 | <b>TNA9</b><br>ADDITIONAL CONNECTION CABLE AND SUPPORTS FOR WALL-MOUNTING OF PS324 BATTERY.<br>PC/PACK 1                   | <b>OTA2</b><br>MOTOR SUPPORT BRACKET (1250 mm LONG).<br>PC/PACK 1 |
|   |  |  |  |   |
| <b>OTA3</b><br>MOTOR SUPPORT BRACKET (2000 mm LONG).<br>PC/PACK 1 | <b>OTA9</b><br>MOTOR SUPPORT BRACKET (520 mm LONG).<br>PC/PACK 1     | <b>TNA5</b><br>PAIR OF STANDARD STRAIGHT TELESCOPIC ARMS.<br>PC/PACK 1                       | <b>TNA6</b><br>PAIR OF STANDARD CURVED TELESCOPIC ARMS.<br>PC/PACK 1   | <b>TNA8</b><br>20X20 mm DRIVE SHAFT (200 mm LONG).<br>PC/PACK 1   |
|   |  |  |  |   |
| <b>TNA4</b><br>20X20 mm DRIVE SHAFT (1500 mm LONG).<br>PC/PACK 1  | <b>TNA38</b><br>DRIVING DEVICE FOR TRANSMISSION SHAFTS.<br>PC/PACK 1 | <b>OTA11</b><br>KIT FOR UNLOCK FROM THE OUTSIDE WITH A METAL CORD.<br>PC/PACK 1              | <b>OTA12</b><br>KIT FOR EXTERNAL UNLOCKING WITH KEY RATCHET (CANNOT BE USED WITH LATERALLY INSTALLED MOTORS).<br>PC/PACK 1 | <b>TS</b><br>SIGNBOARD.<br>PC/PACK 1                              |

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# TENKIT

24V

## For projecting and non projecting up-and-over doors up to 9 m<sup>2</sup>.

Irreversible electromechanical 24 Vdc gear motor.

**Functions:** standard input for photocells and possibility of connecting phototest function in self-learning mode during installation.

**Convenient:** built-in radio board compatible with the systems Nice Flo, FloR e Smilo: possibility of entering up to 150 transmitters.

Push-button programming and automatic position search.

**Adjustments:** 3 force levels, 2 speeds, 3 pause time levels, 3 step-by-step modes.

**Maximum safety:** provision for connection of latest generation 8.2 KOhm sensitive edges.

Obstacle detection and automatic programming of work times, monitoring of motor absorption throughout travel, self-diagnostics via the flashing light and courtesy light. Acceleration and deceleration at the start and end of each manoeuvre.

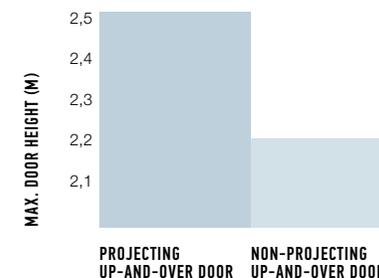
| CODE   | DESCRIPTION  | PACK/PALLET |
|--------|--|-------------|
| TNLKCE | IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT AND RECEIVER, COURTESY LIGHT AND ELECTROMECHANICAL LIMIT SWITCH. UPGRADED VERSION | 15          |

**N.B.** The content of the package may vary; consult the retailer.

### TECHNICAL SPECIFICATIONS

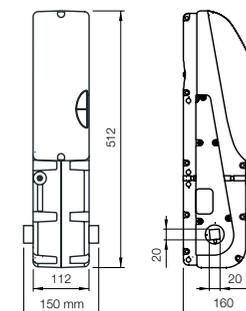
| CODE                                | TNLKCE        |
|-------------------------------------|---------------|
| <b>ELECTRICAL DATA</b>              |               |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |
| ABSORPTION (A)                      | 0.9           |
| POWER (W)                           | 200           |
| <b>PERFORMANCE DATA</b>             |               |
| SPEED (rpm)                         | 1.4           |
| TORQUE (Nm)                         | 420           |
| WORK CYCLE (CYCLES/HOUR)            | 15            |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |
| PROTECTION LEVEL (IP)               | 44            |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |
| DIMENSIONS (mm)                     | 150x158x512 h |
| WEIGHT (kg)                         | 15.5          |

### UTILISATION LIMITS



**N.B.** The values indicated above refer to the use of motors with standard accessories.

### DIMENSIONS



### THE KIT CONTAINS:

**TN2030L**  
1 IRREVERSIBLE ELECTROMECHANICAL GEAR MOTOR, WITH INCORPORATED CONTROL UNIT AND PLUG-IN RECEIVER, COURTESY LIGHT AND ELECTROMECHANICAL LIMIT SWITCH, COMPLETE WITH A PAIR OF STANDARD TELESCOPIC ARMS TNA5 AND WITH RELATIVE DRIVING DEVICES TNA38.



**FL02RE**  
1 TRANSMITTER  
433.92 MHz, 2 CHANNELS.

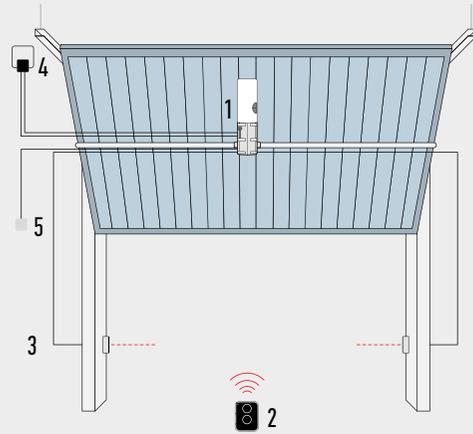


**TS**  
1 SIGNBOARD.



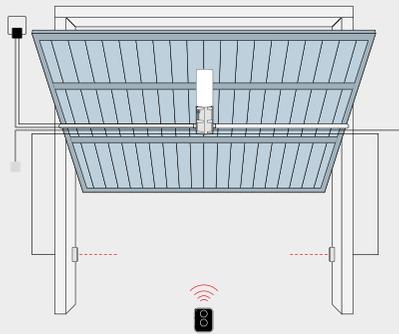
## INSTALLATION DIAGRAM

### Non-projecting up-and-over door



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES

### Projecting up-and-over door



Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

## ACCESSORIES



**TNA1**  
SPARE CONTROL UNIT  
FOR TNKCE AND TNLKCE.



**OTA2**  
MOTOR SUPPORT BRACKET  
(1250 mm LONG).  
PC/PACK 1



**OTA3**  
MOTOR SUPPORT BRACKET  
(2000 mm LONG).  
PC/PACK 1



**OTA9**  
MOTOR SUPPORT BRACKET  
(520 mm LONG).  
PC/PACK 1



**TNA5**  
PAIR OF STANDARD STRAIGHT  
TELESCOPIC ARMS.  
PC/PACK 1



**TNA6**  
PAIR OF STANDARD CURVED  
TELESCOPIC ARMS.  
PC/PACK 1



**TNA8**  
20X20 mm DRIVE SHAFT  
(200 mm LONG).  
PC/PACK 1



**TNA4**  
20X20 mm DRIVE SHAFT  
(1500 mm LONG).  
PC/PACK 1



**TNA38**  
DRIVING DEVICE  
FOR TRANSMISSION  
SHAFTS.  
PC/PACK 1



**OTA11**  
KIT FOR UNLOCK  
FROM THE OUTSIDE  
WITH A METAL CORD.  
PC/PACK 1



**OTA12**  
KIT FOR EXTERNAL  
UNLOCKING WITH KEY  
RATCHET (CANNOT BE USED  
WITH Laterally INSTALLED  
MOTORS).  
PC/PACK 1



**TS**  
SIGNBOARD.  
PC/PACK 1

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# SOON

SOLEMYO OPERA BLUEBUS 24V

**For sectional doors\* up to 20 m<sup>2</sup>.**  
24 Vdc electromechanical gear motor  
with absolute encoder.

\*For balanced sectional doors equipped with anti-crash  
(safety device useful in case of spring breaking).

**Easy to install:** Soon can be fitted directly onto the shaft  
of a sectional door; compact, particularly in width, in order  
to make assembly easy in any position.

**User-friendly thanks to the BlueBUS system**  
that enables users to connect the photocell couples  
and control unit using just two wires.

**Practical:** the control unit and PS124 buffer battery (optional)  
can be connected by means of a simple connector and can be  
housed directly inside the motor.

**Energy saving:** when the system is not being used it will  
switch over to standby.

**Reliable and precise:** memorization of limit switch positions  
on opening and closing; gradual starting and slowdown during  
closing; the absolute encoder technology guarantees precision  
without the need of a limit switch, reliability and long term  
safeguard of the set values.

**Safe:** obstacle detection system; motor absorption is monitored  
during movement, self-diagnosis by means of a flashing light  
and courtesy light.

Last generation of 8.2 KOhm optical and sensitive edges can also  
be connected.

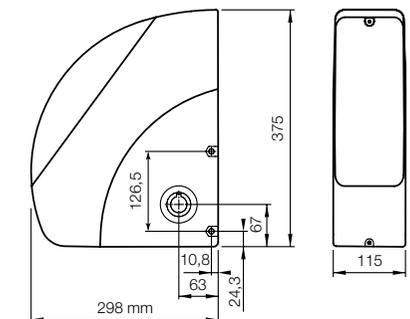


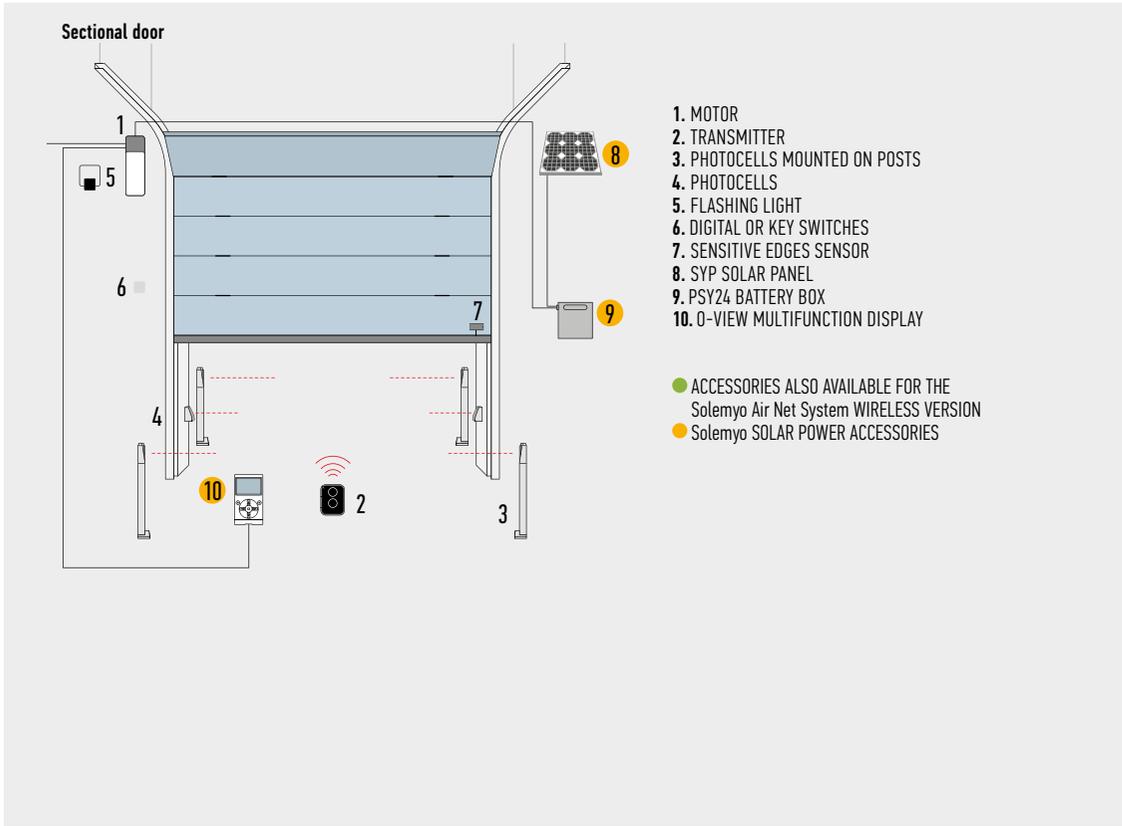
| CODE          | DESCRIPTION  | PACK/PALLET |
|---------------|--|-------------|
| <b>S02000</b> | IRREVERSIBLE, 24 Vdc, WITH ABSOLUTE ENCODER FOR DOORS<br>UP TO 5 m IN HEIGHT | 20          |

## TECHNICAL SPECIFICATIONS

| CODE                                | S02000        |
|-------------------------------------|---------------|
| <b>ELECTRICAL DATA</b>              |               |
| POWER SUPPLY (Vac 50/60 Hz)         | 230           |
| ABSORPTION (A)                      | 1.6           |
| POWER (W)                           | 350           |
| <b>PERFORMANCE DATA</b>             |               |
| SPEED (rpm)                         | 30            |
| TORQUE (Nm)                         | 50            |
| WORK CYCLE (CYCLES/HOUR)            | 15            |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |
| PROTECTION LEVEL (IP)               | 40            |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |
| DIMENSIONS (mm)                     | 115x300x375 h |
| WEIGHT (kg)                         | 10.5          |

## DIMENSIONS





**COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES**

| CODE          | RECEIVER  |          | TRANSMITTER |          |         |          | PHOTOCELLS |     |     |     |      |      |      | FLASHING LIGHT |       |       |        |    |      |     |     |
|---------------|-----------|----------|-------------|----------|---------|----------|------------|-----|-----|-----|------|------|------|----------------|-------|-------|--------|----|------|-----|-----|
|               | Built-in* | FLOX12R* | DXI         | ERA INTI | ERA ONE | ERA FLOR | NICEWAY    | EPS | EPM | EPL | EPSB | EPMB | EPLB | F210           | FT210 | F210B | FT210B | EL | EL24 | ELB | WLT |
| <b>SO2000</b> |           |          | ●           | ●        | ●       | ●        | ●          |     |     |     | ●    | ●    | ●    |                |       | ●     | ●      |    |      | ●   | ●   |

\*Radio receiver incompatible with Opera system

**ACCESSORIES**



**SOA2**  
SPARE CONTROL UNIT  
FOR SO2000.



**PS124**  
24 V BATTERY  
WITH INTEGRATED  
BATTERY CHARGER.

PC/PACK 1



**CRA9**  
ADAPTER FOR DIAMETER  
31.75 (1.1/4"), 35  
AND 40 mm SHAFTS.

PC/PACK 1



**TS**  
SIGNBOARD.

PC/PACK 1



**SOLEMYO KIT**  
THE SOLAR POWER TO  
AUTOMATE GATES, GARAGE  
DOORS OR BARRIER GATES.  
SEE PAGE 206

FOR SWING GATES  
FOR SLIDING GATES  
BARRIER GATE OPERATOR SYSTEMS  
FOR GARAGE AND INDUSTRIAL DOORS  
CONTROL SYSTEMS AND ACCESSORIES  
COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# SUMO

24V

## For sectional doors and two-wings sliding doors up to 35 m<sup>2</sup>.

24 Vdc electromechanical gear motor with magnetic encoder, no need to adjust limit switches.

Perfect for intensive use.

**Revolutionary aesthetics:** compact, particularly in width, in order to make assembly easy in any position; quick to install.

**Easy to install:** Sumo can be fitted directly onto the shaft of sectional doors.

Perfect for Ø 25.4 mm shafts and can be used also with Ø 31.75-35-40 mm shafts thanks to the CRA9 adapter.

## Many different functions with the separate Mindy A924 control unit:

- automatic memorization of limit switches on opening and closing;
- gradual departure and slowdown during closing;
- integrated battery charge card with optional battery power supply in the event of power failures easy programming by pressing a single button;
- pause time programming and speed adjustment;
- "service" warning light for maintenance (can be programmed according to the number of manoeuvre required).

CASE TOTALLY MADE FROM THICK DIE-CAST ALUMINIUM

INSPECTION COMPARTMENT, EASY TO ACCESS FOR CONNECTIONS

RELEASE CORD, 6.5 m LONG, WITH EMERGENCY HANDLE

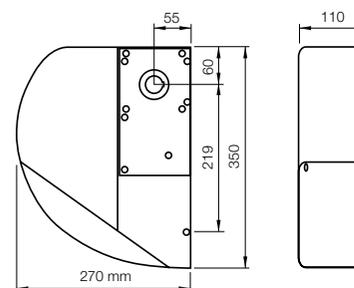


| CODE     | DESCRIPTION   | PACK/PALLET |
|----------|---|-------------|
| SU2000   | IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, FROM 15 m <sup>2</sup> UP TO 35 m <sup>2</sup>                  | 20          |
| SU2000V  | IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, INCREASED SPEED, FROM 10 m <sup>2</sup> UP TO 25 m <sup>2</sup> | 20          |
| SU2000VV | IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, HIGH SPEED, FROM 10 m <sup>2</sup> UP TO 15 m <sup>2</sup>      | 20          |
| SU2010   | IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, IP54, FROM 15 m <sup>2</sup> UP TO 35 m <sup>2</sup>            | 20          |

## TECHNICAL SPECIFICATIONS

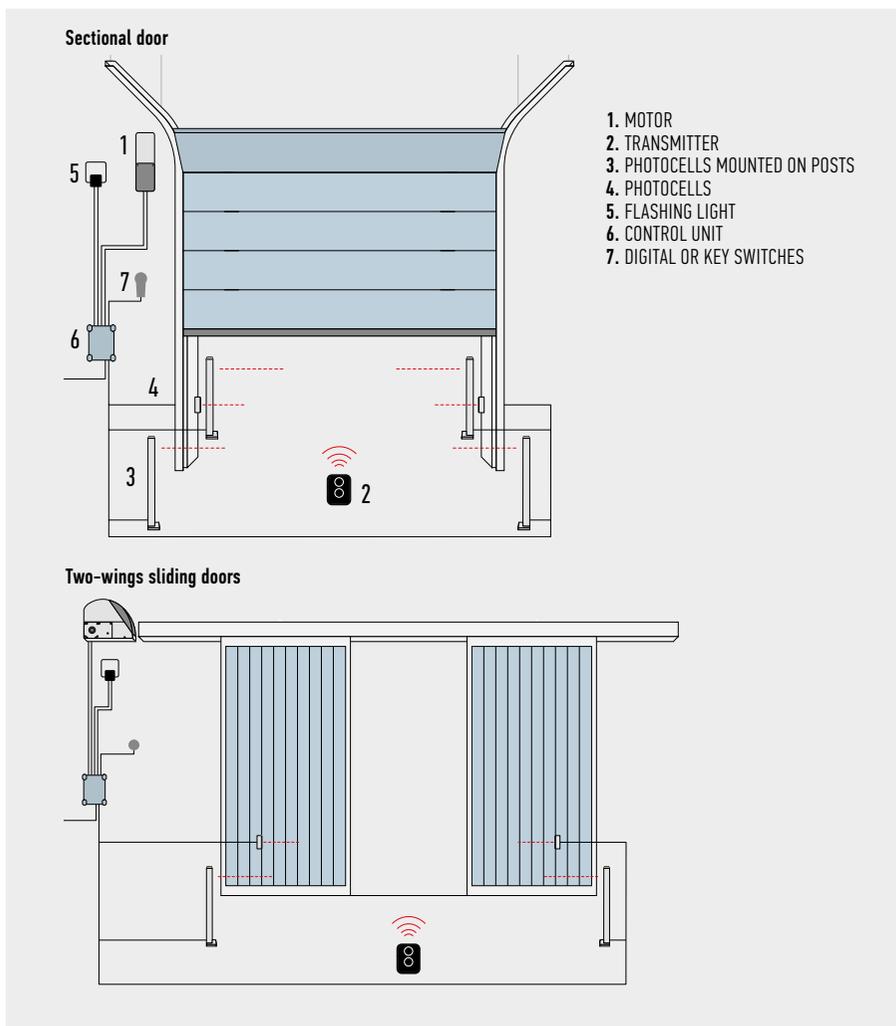
| CODE                                | SU2000        | SU2000V | SU2000VV | SU2010 |
|-------------------------------------|---------------|---------|----------|--------|
| <b>ELECTRICAL DATA</b>              |               |         |          |        |
| POWER SUPPLY (Vdc)                  | 24            |         |          |        |
| ABSORPTION (A)                      | 13            |         |          |        |
| POWER (W)                           | 500           |         |          |        |
| <b>PERFORMANCE DATA</b>             |               |         |          |        |
| SPEED (rpm)                         | 16            | 23.5    | 42       | 16     |
| TORQUE (Nm)                         | 120           | 82      | 46       | 120    |
| WORK CYCLE (%)                      | 50            |         |          |        |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |         |          |        |
| PROTECTION LEVEL (IP)               | 44            |         |          | 54     |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |         |          |        |
| DIMENSIONS (mm)                     | 110x270x350 h |         |          |        |
| WEIGHT (kg)                         | 10.5          |         |          |        |

## DIMENSIONS



Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

## INSTALLATION DIAGRAM



## COMPATIBILITY

| CODE     | CONTROL UNIT / REC. |                 |              |              | TRANSMITTER   |          |         |          | PHOTOCELLS |     |     |     |      |      |      | FLASHING LIGHT |       |       |        |    |      |     |     |
|----------|---------------------|-----------------|--------------|--------------|---------------|----------|---------|----------|------------|-----|-----|-----|------|------|------|----------------|-------|-------|--------|----|------|-----|-----|
|          | A500 / FLOX12R*     | A924 / FLOX12R* | MC424L / OXI | MC824H / OXI | MC824HR / OXI | ERA INTI | ERA ONE | ERA FLOR | NICEWAY    | EPS | EPM | EPL | EPSB | EPMB | EPLB | F210           | FT210 | F210B | FT210B | EL | EL24 | ELB | WLT |
| SU2000   | ●                   |                 |              |              |               | ●        | ●       | ●        | ●          | ●   | ●   | ●   |      |      |      | ●              | ●     |       |        |    | ●    |     |     |
| SU2000V  | ●                   |                 |              |              |               | ●        | ●       | ●        | ●          | ●   | ●   | ●   |      |      |      | ●              | ●     |       |        |    | ●    |     |     |
| SU2000VV | ●                   |                 |              |              |               | ●        | ●       | ●        | ●          | ●   | ●   | ●   |      |      |      | ●              | ●     |       |        |    | ●    |     |     |
| SU2010   | ●                   |                 |              |              |               | ●        | ●       | ●        | ●          | ●   | ●   | ●   |      |      |      | ●              | ●     |       |        |    | ●    |     |     |

## ACCESSORIES

**A924**  
CONTROL UNIT.  
PC/PACK 1

**PUL**  
CENTRAL COVER WITH  
BUTTONS, COMPLETE WITH  
CONNECTING CABLE AND  
CONNECTED  
FOR A500 AND A924.  
PC/PACK 1

**B12-B**  
12 V, 6 Ah BATTERIES.  
PC/PACK 1

**BA3-A**  
NICE BATTERY BOX.  
PC/PACK 1

**K10**  
KEY-OPERATED SELECTOR  
SWITCH FOR LOW VOLTAGE  
CONTACTS WITH RELEASE  
MECHANISM FOR METAL  
CORD.  
PC/PACK 1

**KA1**  
6 m CABLE RELEASE KIT  
FOR K10.  
NOT REQUESTED  
FOR SU2010.  
PC/PACK 1

**CRA1**  
SHAFT WITH 18-TOOTH  
PINION Ø SHAFT 25.4 mm  
Ø INSIDE CROWN 25.4 mm.  
PC/PACK 1

**CRA2**  
JOINT FOR CHAIN.  
PC/PACK 1

**CRA3**  
1/2" CHAIN, 1 m PACK,  
PLUS JOINT FOR CHAIN.  
PC/PACK 1

**CRA4**  
1/2" CHAIN, 5 m PACK,  
IDEAL FOR SINGLE OR DOUBLE  
WING INDUSTRIAL DOORS,  
PLUS JOINT FOR CHAIN.  
PC/PACK 1

**CRA5**  
TENSIONER DRIVE  
WITH BRACKETS,  
FOR SINGLE OR DOUBLE  
WING INDUSTRIAL DOOR.  
PC/PACK 1

**CRA6**  
36-TOOTH PINION Ø INSIDE  
25.4 mm.  
PC/PACK 1

**CRA7**  
18-TOOTH PINION  
Ø INSIDE 25.4 mm.  
PC/PACK 1

**CRA8**  
WALL-FIXING BRACKET.  
PC/PACK 2

**CRA9**  
ADAPTER FOR DIAMETER  
31.75 (1.1/4"), 35  
AND 40 mm SHAFTS.  
PC/PACK 1

**TS**  
SIGNBOARD.  
PC/PACK 1

# HYPP0 7100

SOLEMYO OPERA BLUEBUS 24V 230V

## For 2-leaf folding doors.

Electromechanical gear motor irreversible with telescopic arm, also in 24 Vdc version, with magnetic encoder.

Single model for right and left leaves.

Pre-wired, **incorporated double limit-switch** both during opening and closing; fewer connections mean quicker installation (for HY7100 only).

**Solid metal mechanics.**

**Sturdy, galvanised, telescopic arm.**

### Recommended control units:

for HY7100 Mindy A6F, A60, A700F;  
for HY7124 Moonclever MC824H.

**24 Vdc version** with magnetic encoder.

**Perfect for intensive use**, compatible with the control unit Moonclever MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- Can be connected with latest generation sensitive edges 8.2 KOhm.

COMPACT, SHOCKPROOF BODYWORK WITH NO SHARP CORNERS



NICE ALUMINIUM RELEASE, DESIGNED TO ACCOMMODATE EXTERNAL RELEASE

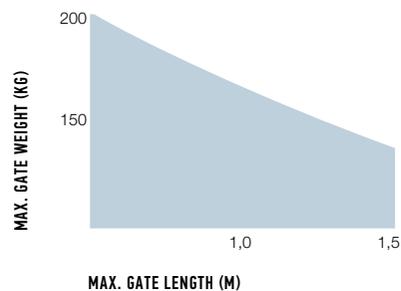
| CODE   | DESCRIPTION   | PACK/PALLET |
|--------|---|-------------|
| HY7100 | IRREVERSIBLE, 230 Vac, WITH STURDY TELESCOPIC ARM, GALVANISED AND PAINTED, WITH LIMIT SWITCH ON OPENING AND CLOSING | 16          |
| HY7124 | IRREVERSIBLE, 24 Vdc WITH MAGNETIC ENCODER, WITH TELESCOPIC ARM, GALVANISED AND PAINTED                             | 16          |

## TECHNICAL SPECIFICATIONS

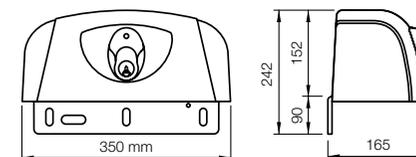
| CODE                                | HY7100        | HY7124 |
|-------------------------------------|---------------|--------|
| <b>ELECTRICAL DATA</b>              |               |        |
| POWER SUPPLY (Vac 50 Hz)*           | 230           | -      |
| POWER SUPPLY (Vdc)                  | -             | 24     |
| ABSORPTION (A)                      | 1.2           | 5      |
| POWER (W)                           | 250           | 120    |
| <b>PERFORMANCE DATA</b>             |               |        |
| SPEED (rpm)                         | 1.7           | 2      |
| TORQUE (Nm)                         | 400           | 250    |
| WORK CYCLE (%)                      | 30            | 80     |
| <b>DIMENSIONAL AND GENERAL DATA</b> |               |        |
| PROTECTION LEVEL (IP)               | 20            |        |
| WORKING TEMP. (°C MIN/MAX)          | -20 ÷ +50     |        |
| DIMENSIONS (mm)                     | 350x165x242 h |        |
| WEIGHT (kg)                         | 13            |        |

\*60 Hz version available on request.

## UTILISATION LIMITS

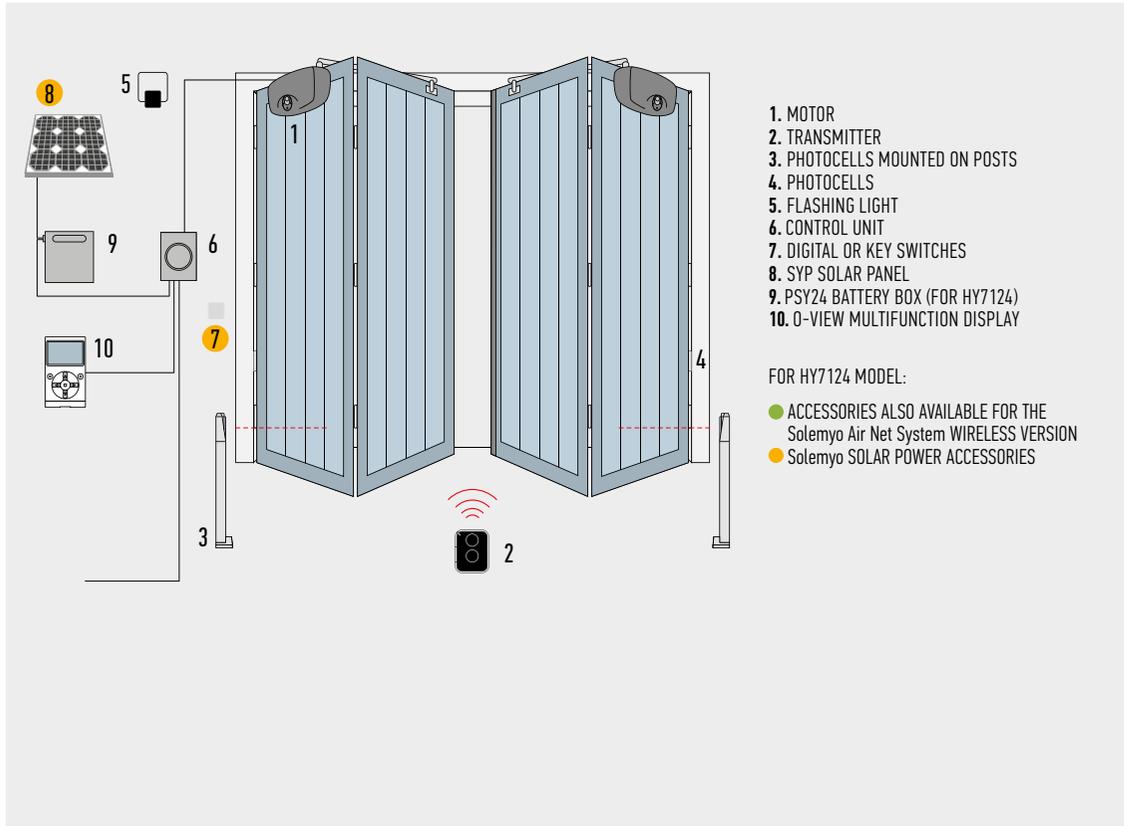


## DIMENSIONS



N.B. The above values are valid if the motor is used with standard accessories.

## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

| CODE   | CONTROL UNIT / RECEIVER |                 |                |                  |                 |                 |                 |              | TRANSMITTER  |               |          |         | PHOTOCELLS |         |     |     |     |      |      |      | FLASHING LIGHT |       |       |        |    |      |     |     |
|--------|-------------------------|-----------------|----------------|------------------|-----------------|-----------------|-----------------|--------------|--------------|---------------|----------|---------|------------|---------|-----|-----|-----|------|------|------|----------------|-------|-------|--------|----|------|-----|-----|
|        | A01 / Built-in*         | A02 / Built-in* | A6F / FLOX12R* | A700F / FLOX12R* | A60 / OXI-SMX1* | A500 / FLOX12R* | A924 / FLOX12R* | MC424L / OXI | MC824H / OXI | MC824HR / OXI | ERA INTI | ERA ONE | ERA FLOR   | NICEWAY | EPS | EPM | EPL | EP8B | EPMB | EPLB | F210           | FT210 | F210B | FT210B | EL | EL24 | ELB | WLT |
| HY7100 |                         |                 | ●              | ●                | ●               |                 |                 |              |              | ●             | ●        | ●       | ●          |         |     |     |     |      |      |      |                |       |       |        |    |      |     |     |
| HY7124 |                         |                 |                |                  |                 |                 |                 | ●            |              | ●             | ●        | ●       | ●          |         |     |     | ●   | ●    | ●    |      | ●              |       |       | ●      |    | ●    | ●   |     |

\*Radio receiver incompatible with Opera system

## ACCESSORIES



**HYA11**  
UNLOCK FROM INSIDE  
WITH A 6 m CORD.  
PC/PACK 1



**K10**  
KEY-OPERATED SELECTOR  
SWITCH FOR LOW VOLTAGE  
CONTACTS, WITH RELEASE  
MECHANISM FOR METAL CORD.  
PC/PACK 1



**KA1**  
6 m CABLE RELEASE KIT  
FOR K10.  
PC/PACK 1



**TS**  
SIGNBOARD.  
PC/PACK 1

### ACCESSORY

For 24 Vdc version



**PS324**  
24 V BATTERY  
WITH INTEGRATED  
BATTERY CHARGER.  
PC/PACK 1



**SOLEMYO KIT**  
THE SOLAR POWER TO  
AUTOMATE GATES, GARAGE  
DOORS OR BARRIER GATES.  
SEE PAGE 206