

## 24 Vdc CONTROL PANELS



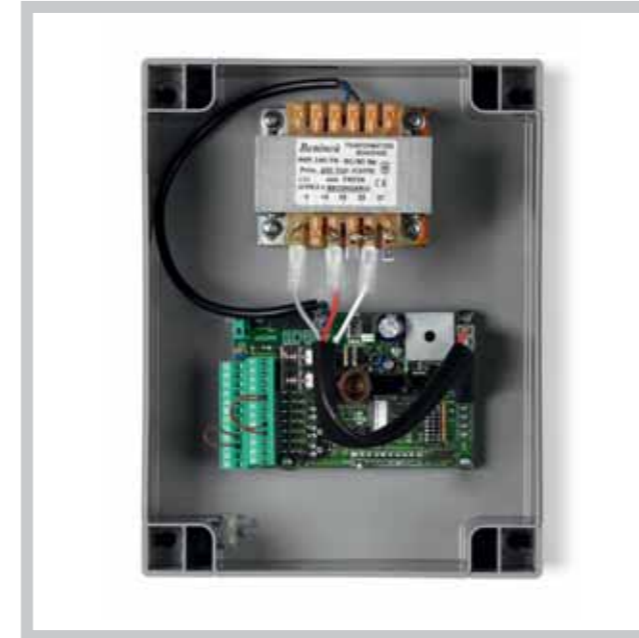
### BRAINY24

- 24 Vdc control panel for 1 or 2 motors ideal for swinging or sliding gates
- Easy to install thanks to the built-in display
- Anticrushing safety function with amperometric sensor
- A number of operating logics
- Self-configuration of operating parameters
- Separate slowing-down function during opening and closure for each motor
- Removable terminal boards
- It comes with built-in 433.92 MHz 64-code radio receiver (programmable code/variable code)
- Output for 12 Vac/dc electric lock control
- Inputs to connect the encoder or opening and closing limit switch for each motor
- Inputs for single-step, pedestrian and stop buttons
- Input for 8K2 safety sensitive edge
- Presetting for serial controls auxiliary card
- Possibility of viewing the actual number of manoeuvres
- Programming access password
- It can be operated with the KSUN solar kit



### HEADY24

- 24 Vdc control panel for 1 or 2 motors ideal for swinging gates. To be used on 24 Vdc motors of the BOB2124,BOB3024,BILL24 ranges
- Easy to install thanks to the built-in display
- Anticrushing safety function with amperometric sensor
- Simplified operating logics and operating parameters
- Self-configuration of operating parameters
- Slowing-down function during opening and closure
- Removable terminal boards
- It comes with built-in 433.92 MHz 64-code radio receiver (programmable code/variable code)
- Inputs to connect the encoder or opening and closing limit switch for each motor
- Inputs for single-step, pedestrian and stop buttons
- Presetting for serial controls auxiliary card
- Possibility of viewing the number of actual manoeuvres
- Programming access password
- It can be operated with the KSUN solar kit



### LOGICA24.RI

- Control panel for 1 or 2 operators, ideal for counterweights garage doors series ZED24
- Amperometric anticrushing control
- Automatic and semiautomatic function
- Simple diagnostics thanks to the leds that indicate the status of the inputs
- Electronic regulation of motor speed and torque
- Soft start and slowing down functions
- Plug in terminals
- Integrated radio receiver 433.92 Mhz memory capability up to 64 codes (programmable code/rolling code)
- Inputs for opening and closing limit switches
- Inputs for step-by-step, open, close, stop buttons
- Input for 8K2 safety sensitive edge
- Input for photocell on closing

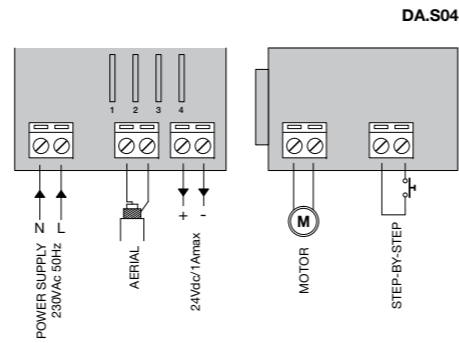
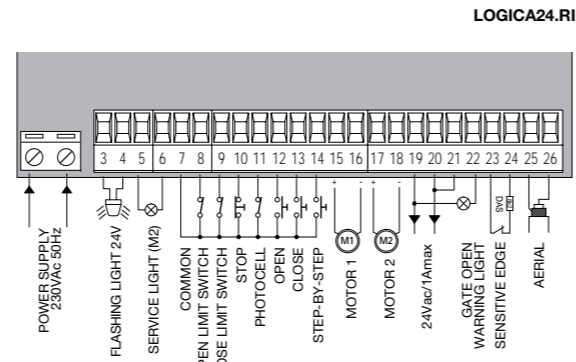
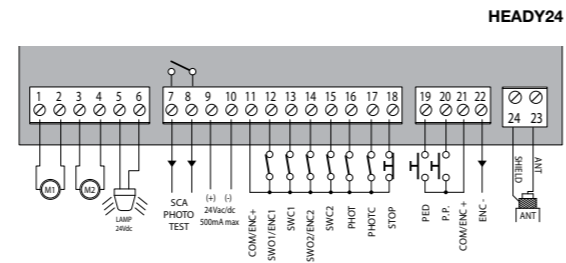
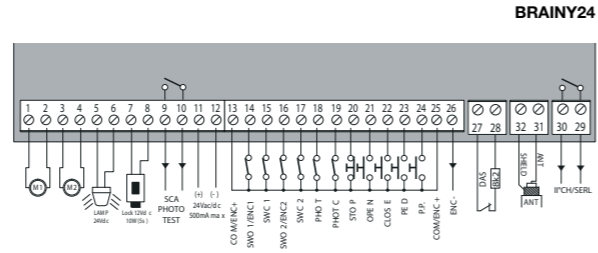


### DA.S04

- Control panel for car park saver series VE.SOR
- 24 Vdc motor power supply
- Plug for DA.RB battery charger card
- Possibility of managing up to 4 VE.SOR
- Step-by-step input

**EXTERNAL CONTROL PANELS FEATURES**

	LOGICA24	DA.S04	BRAINY24	HEADY24
Motors power supply 24Vdc	•	•	•	•
Motors power supply 230Vac				
Motors power supply 400Vac				
<b>INPUTS</b>				
Step by step input	•	•	•	•
Open input	•		•	•
Close input	•		•	•
Pedestrian opening input			•	•
Photocell input	•			
Photocell input in opening phase			•	•
Photocell input in closing phase			•	•
Stop input	•		•	•
Conductive safety input	•		•	•
Limit switch input open/close for Motor 1	•		•	•
Limit switch input open/close for Motor 2			•	•
<b>OUTPUTS</b>				
Motor 1 output	•		•	•
Motor 2 output	•		•	•
Flashing Light output	•		•	•
12 Vac electric lock output			•	
Auxiliary output for optional electric-lock card				
Courtesy light output	•		•	•
Auxiliary output 24 Vac/dc	•	•	•	•
Gate open indicator	•		•	•
photocell power supply output with phototes			•	•
2nd radio channel output			•	•
<b>OPERATING LOGICS</b>				
"Dead man" function			•	•
Semi-automatic function	•		•	•
Automatic function	•		•	•
Multi-flat function	•		•	•
Step by Step function (open-close-open)	•		•	•
Timer function in opening			•	•
adjustable slowdown time			•	•
fixed slow down time	•		•	•
Electronic brake			•	•
Pre-warning flashing light	•		•	•
Disable photocell in opening phase			•	•
Close immediatly after photocell			•	•
Maintening hydraulic motor pressure			•	•
Opening delay motor 2			•	•
Closing delay motor 1			•	•
<b>ADJUSTMENTS</b>				
Electromechanical adjustment force	•			
Electronic adjustment force			•	•
Speed adjustment	•		•	•
Starting with maximum power			•	•
self adjustment of working parameters			•	•
Parameters adjustment through potentiometer	•	•	•	•
Parameters adjustment through LCD display			•	•
<b>OTHER CHARACTERISTICS</b>				
Diagnostic LEDs	•		•	•
433,92 MHz built-in receiver	•		•	•
Parameters adjustment through LCD display			•	•
Cycles counter			•	•
Back up system (it needs battery charger card)	•	•	•	•
Encoder input			•	•
built-in ESA, Energy Saving System			•	•
Maintenance warning			•	•
programming enabled by password			•	•



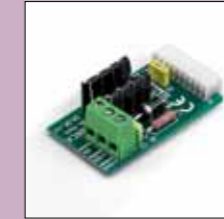
**24 Vdc CONTROL PANELS ACCESSORIES**



**BRAINY24.CB**  
Accessory for BRAINY24 with CBY.24V battery charger, 1.2 Ah batteries and base.



**CBY.24V**  
Battery charger card. The CBY.24V card allows to charge two different types of nickel metalhydrate and lead batteries.



**DA.RB**  
Battery charger card for DA.S04



**DA.E**  
Module for VE.SOR (one DA.E each VE.SOR)



**DA.BT6**  
**DA.BT2**  
DA.BT2: 2.1 Ah 12 VDC Battery  
DA.BT6: 7 Ah 12 VDC Battery



**NIMH.CB**  
Accessory with CBY.24V battery charger card, NIMH batteries and support.



**NIMH**  
2 Ah, 24 Vdc NIMH batteries



**SB**  
Plastic box for small control unit (160 x 130 x 73 mm)



**HB**  
Box for HEADY/HEADY24. Protection level IP 55. (266 x 188 x 99 mm)



**LB**  
Standard box for control units. Protection level IP55. (290 x 220 x 118 mm)

**230 Vac CONTROL PANELS ACCESSORIES**



**KPO/KPC**  
**KPO:** Set of 2 green push buttons (N.O.) and front cover for Box LB  
**KPC:** Set of 2 push buttons (green-N.O. and red-N.C.) and front cover for box LB



**DA.2S**  
Electronic module which allows the synchronized movement of two gates



**DA.LB**  
Galvanized column for outdoor installation of LB box. Packaging: 2 pcs