

Code	Description
MC824H	Control unit for one or two motors at 24 Vdc with magnetic encoder

### Accessories



**MCA1**  
Spare control unit for MC824H.

**PS324**  
24 V battery with battery charger.

**PRBMC01**  
Complete box for MC824H.

### Technical specifications

Code	MC824H
Power supply (Vac 50/60Hz)	230 ± 10%
Battery power (Vdc)	21 ÷ 28
Maximum motor power (VA; A)	360 (W); 15
Maximum accessories power 24 V (A)	0.2
Maximum flashing light power (V;W)	12; 21
Maximum gate open indicator power CA (V; W)	24; 2
Maximum electric lock power (Vac; VA)	12; 15
Pause time "TP" (s)	1 ÷ 250
Opening delay time TRA (s)	Programmable
Closing delay time TRC (s)	Programmable
Courtesy light time "TCor" (s)	0:250
Pre-flashing time "TPre" (s)	0:10
Anti-crushing device (sensitivity)	Min ÷ Max
Case dimensions (mm)	230x125x300 h

### For 24 Vdc gear motors, for swing gates with magnetic encoder.

Control unit equipped with Nice **BlueBUS** technology and compatible with the **Solemyo** solar power system and **Opera** system for management, programming and diagnostics of automations, also remotely.

### Easy programming!

Compatible with the Opera system, which thanks to the O-View multi-function display enables personalisation of the system, modifying the opening and closing positions, leaf offset and deceleration intervals, and diversifying parameters such as force, speed, and obstacle detection for each motor.

Microprocessor logic: in addition to the classic functions such as intelligent clutch with anti-crushing safety device, gradual start-up and deceleration, automatic memorisation of both travel limit positions and the pedestrian door function.

**Safe and reliable** thanks to obstacle detection with dual technology and monitoring of motor absorption and speed via the encoder, throughout door/gate travel, with provision for connection of latest generation resistive sensitive edges.

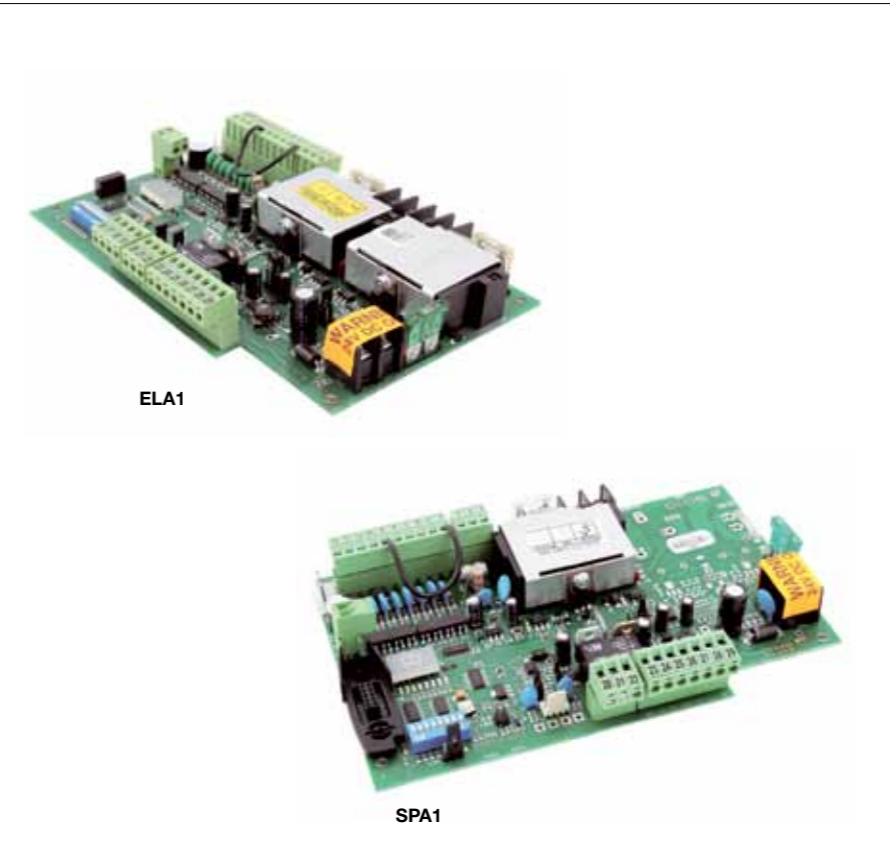
**Intelligent:** on start-up, indicator to confirm correct power supply and efficient operation of the control unit; automatic fault diagnostics and signalling via the flashing light and confirmation leds.

**Savings, respect for the environment, and autonomy:** when connected to the buffer battery or Solemyo kit, consumption on standby is reduced to just 0.1 W.

**Installation couldn't be simpler,** thanks to the system BlueBUS, enabling connection of the control unit, motors and accessories by means of just two wires.

**No black out:** operation in the event of a power failure by means of optional batteries (PS124) with compartment in control unit.

**Radio receiver:** provision for insertion of SM snap-fit receivers.



Code	Description
ELA1	Spare control board for Elite motors at 24 Vdc
SPA1	Spare control board for Speedo motors at 24 Vdc

### ELA1

#### Spare control board for Elite gear motors for single or double swing gates.

The Elite's intelligent controller makes it easily programmable with simplified setup procedures and easy trouble shooting:

- soft start/soft stop facility;
- LED array and display for indication of gate motor status and for easy trouble shooting and fault finding;
- general purpose relay (potential free) conveniently allows clients to switch any auxiliary device;
- the A.S.A.P. mode ensures fast gate auto-closure;
- obstruction detection increases safety whilst the gate is operational;
- loop detector facility;
- optional plug-in receiver;
- lip function.

The Elite's intelligent controller makes it easily programmable with simplified setup procedures and easy trouble shooting.

### SPA1

#### Spare control board for Speedo gear motors for sliding gates.

The Speedo's intelligent controller makes it easily programmable with simplified setup procedures and easy trouble shooting:

- soft start/soft stop facility;
- LED array and display for indication of gate motor status and for easy trouble shooting and fault finding;
- general purpose relay (potential free) conveniently allows clients to switch any auxiliary device;
- the A.S.A.P. mode ensures fast gate auto-closure;
- obstruction detection increases safety whilst the gate is operational;
- loop detector facility;
- programmable slow down distance;
- optional plug in receiver.