



12.24D

12.24D is a universal control unit for automations with 2 engines (low tension 12V-24V Vdc). The integrated radio 433 Mhz receiver allows to store all the fixed codes and the 12 and 24 bit HCS codes. It is possible to set all the parameters to be compatible with all the engines, even coming from different brands and types. The electronical components comes with an integrated power supply unit and can manage 12 and 24 Vdc power supply.

Inputs have the connection for two different and ajustable Start. Thanks to the display, the programming of inputs, outputs and operating modes - available in several languages. The control units has 2 outputs to manage the flashing lamps, courtesy and traffic lights and 5 possible operating modes: step-by-step, automatic, automatic with possible earlier closing, condominium and condominium with possible earlier closing.

The 12.24D control unit also has special menu/functions for specific installations: clock, ramp, automatic door, synchro, parking. Through the OBSTACLES menu it's possible to manage currents and intervention time, thanks to the MONITOR menu that reads the current of the motor and the frequency of the encoder during movement.

Output engines
Manage n.2 motors (12-24Vdc) with:
- slowing down controls
- motor power controls
- test: engine overload and contacts

Output flashing lamps / traffic light
control of 2 lighting systems (flashing lamp + courtesy light) or traffic light

Photocells input
manages two pairs of photocell with autotest

Input encoder and limit switch
manages double encoder and limit switch

Input external antenna
Integrated radio module (433 Mhz) and input for antenna

Input commands
2 adjustable start inputs (pedestrian START + START, OPEN + CLOSE, STOP)

Display for programming
with integrated clock

SPECIAL FUNCTIONS
Synchro, parking, traffic light, ramp, clock, automatic door, and more...

5 OPERATING MODES
Stepper, automatic, automatic with earlier closure, condominium, condominium with earlier closure

- TECHNICAL FEATURES**
- Input board: 12-24 Vac
 - Output engine: 12-24 Vdc
 - Max power: 150 W each
 - Battery input: 12-24 Vcc
 - Integrated battery-charger buffer
 - 2 adjustable start inputs
 - Protection against common and input electrical ground
 - Integrated radio module (433 Mhz) and input for external antenna
 - 5 operating modes
 - Dimensions board: 186x85x35 mm

