



## REGULATOR FOR AIR INLETS OCV3 VERSION 1 (INDOOR) NATURAL / MECHANICAL VENTILATION

REF.: MICROCHIP VERSION + UNITS OF MOTORS



## OSMO SYSTEM FOR VENTILATION CONTROL

### IN CASE OF 230V POWER SUPPLY CUT, INDEPENDENT OPERATION FOR UP TO 24 HOURS



#### DESCRIPTION:

Electronic equipment designed to open or close air inlets with 1, 2 or 3 units of OSMO lifting motors.

#### Natural ventilation:

Using digital temperature probes: temperature control from 0°C to 85°C with hysteresis of 1°C. Thermal jump detection.

#### Mechanical ventilation:

Through the CVA \* controller (DP3, DP4 microchip versions) and digital temperature probes: connection and disconnection of external devices for ventilation, cooling, heating and the possibility of connecting an external device for priority opening and closing orders.

Easy programming of the initial travel distance of air inlets and the controlling/operating parameters. Permanent memory of programmed parameters even during power supply cut. Fault detection system, easy reading of temperature parameters, battery voltage and position of the air inlets. Emergency orders that interrupt the automatic operating. Complies with IP65 protection regulations

#### TECHNICAL DATA:

12V / 230V

Dimensions length / width / height: 350x163x260 mm

Weight: 3,20 kg

#### MICROCHIP PROGRAMMING VERSIONS

- BASIC - SIMPLE STEP 1.2 cm for opening and closing:

#### Motor 1, 2

1 temperature probe per motor included, fixed thermal jump 2°C, emergency input for the priority opening orders activated by an external device

#### Motor 3

with 1 temperature probe \*, programmable: emergency opening when 230V disappear

- DP - DOUBLE STEP 2.4 cm for opening and closing with additional functions

#### Motor 1, 2

- DP1 with programmable thermal jump, emergency input for priority opening or closing orders (programmable) activated by an external device
- DP2 with the functions of DP1 + Temperature band: programming of minimum and maximum temperatures
- DP3 with the functions of DP1 + Heating and ventilation control through CVA control box \*
- DP4 with the functions of DP1 + Wind control through CVA control box and anemometer \*

#### Motor 3

- DP1 with 1 or 2 temperature probe per motor \*, programmable: emergency opening when 230V disappear
- DP2 with the functions of DP1 + Temperature band: programming of minimum and maximum temperatures\*
- DP3 with the functions of DP1 + Heating and ventilation control through CVA control box \*
- DP4 with the functions of DP1 + Wind control through CVA control box and anemometer \*

\* CONSULT OSMO MOTORS AND ACCESSORIES TO COMPLETE THE VENTILATION SYSTEM

