

*Wind control systems*

# ONE-THRESHOLD SCV1 ANEMOMETER




| PRE-ASSEMBLED | 1 THRESHOLD | 220 Vac | RELAY OUTPUTS | IP55 |
|---|---|---|---|---|

- One-threshold functioning
- Adjustable threshold
- Relay outputs
- Pre-assembled system in IP55 box

One-threshold adjustable anemometer. The threshold, which is adjustable thanks to the installed potentiometer, provides an ON / OFF control of the jets depending on the speed of the wind.

The anemometer control unit SCV1 has been designed and set for its installation in the auxiliary pump control circuits, with ON-OFF logic, in order to control the operation of the fountain depending on the speed of the wind.

The control system consists of:

- Anemometer (sensor);
- Control unit (electronic board);

## WORKING MODE

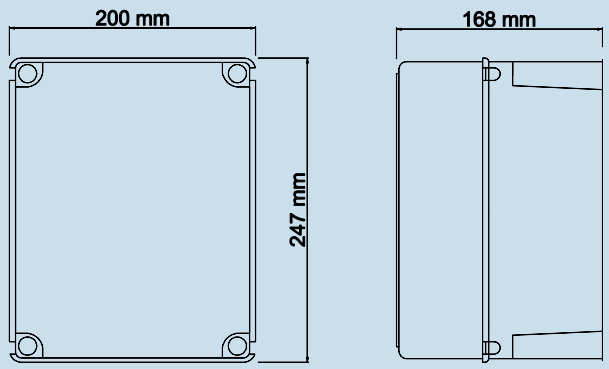
The sensor detects the speed of the wind and transmits it to the control unit. Whenever the set threshold is exceeded, the control unit quickly disables the auxiliary circuits that manage the pump. Reactivation is automatically done within 10 minutes but only if the speed of the wind is lower than the set threshold.

System's sensitivity can be modified according to the wind's strength by operating directly on the potentiometer placed on the electronic board. The setting range varies from 10 to 50 Km/h.

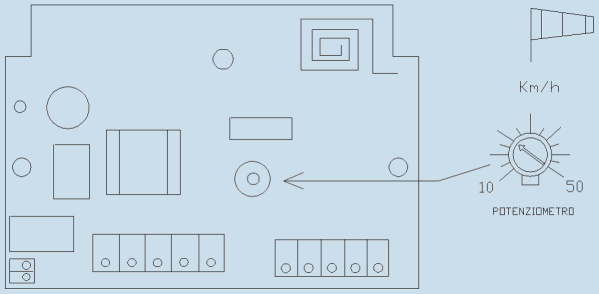
Sensor's cables must have a dedicated channel: they must not be coupled with other cables.

The distance of the sensor from the control unit cannot be longer than 30 m.

**DIMENSIONS**




**APPLICATION**




| | | ONE-THRESHOLD ANEMOMETER |
|---|---|---|
| CODE | | **SCV1** |
| TEMINAL BOX REFERENCES | L-N | 230 Vac - 50 Hz power supply |
| | 1 | Common reference |
| | 2 | Normally open terminal N.O. - max load of 10 A 250 V |
| | 3 | Normally closed terminal N.C. - max load of 10 A 250 V |
| | 4-5 | Wind sensor |
| DIMENSIONS | | H 247 x W 200 x D 168 mm |
| BOX MATERIAL | | Technopolymer |