

06-02-2018

DOC146535 000

Designation	Eolis io - Wind sensor
Reference(s)	1816091 /1816092
Range	io Sensor range

FUNCTIONS

Wind measurement

- Protection of the Awnings, Screens, Zip-screens & EVBs
- 230V Wired sensor

- Threshold set locally on the sensor
- Threshold from ~20 to ~88km/h

Rain function: connect Ondéis Rain sensor (wired) to Eolis
Select rain behaviour:

- Security: Protect from rain your applications
(if rain=>retract awning, open pergola slats)
- Comfort: Protect from rain your furniture
(if rain=>open awning, close pergola slats)



TECHNICAL SPECIFICATIONS

Box	Material Color Size Protection factor against solid & splash proof	ABS grey 325 x 160 x 175 mm IP 34
Power supply	Nominal limits Frequency	230 V~ Class II 207-253 V~ 50 - 60 Hz
Rain Sensor	Ondéis (ref 9016345)	1 sensor
Radio frequency		868.00MHz/868.70 MHz /869.70 MHz
Radiated power		+10 dBm
Modulation type		FSK dev. +/-19.2KHz
Protocol		io homecontrol
Antenna		Integrated
Temperature range	Storing Working	-30°C / +70°C -20°C / +50°C
Drop test		1 (height: 2m)
Measurement		28 to 88 km/h
Thresholds Number		6
km/h values		28/38/49/61/74/88 km/h
Beaufort values		5/ 6/ 7/ 8/ 9/ 10 Bft
Default threshold (and value)		1st (28 km/h / 5 Bft)
Wind max resistance		150 km/h
Bird resistance		1500g
Weight		380g / 280g w/o cable

Standard (CE)

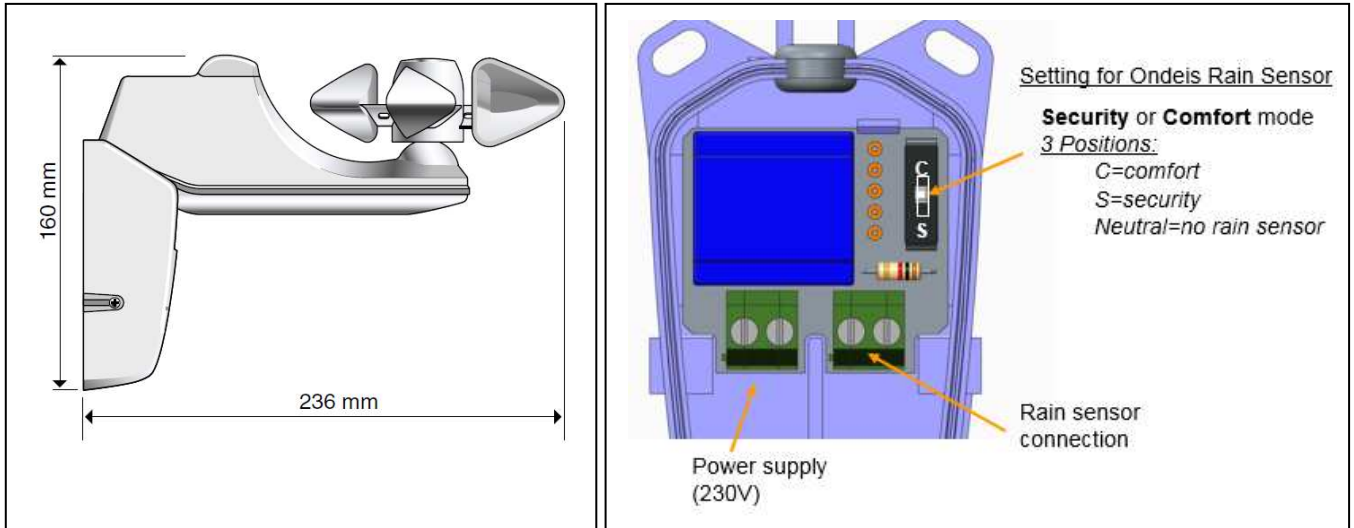
Safety of the use: EN 60730-1: 2016

Health of the user: EN62479:2010

Electromagnetic compatibility : EN 301 489-3 V1.6.1 :2013 EN 301 489-1 V1.9.2 :2011 ; EN60730-1: 2016

Radio Spectrum : EN 300 220-1 V3.1.1 (2017-02); EN 300 220-2 V3.1.1 (2017-02)

DESCRIPTION



COMPATIBILITIES

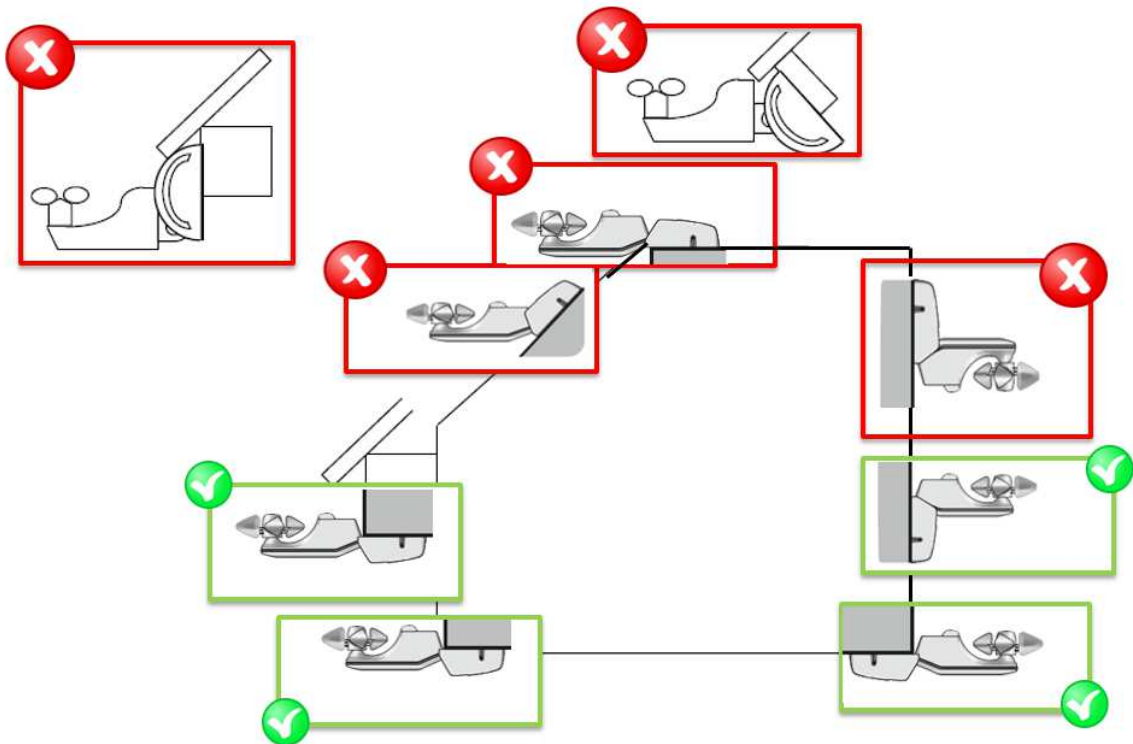
Actuators for :

- Awnings (io homecontrol)
- Screens (io homecontrol)
- Zip-screens (io homecontrol)
- EVBs (io homecontrol)

Others:

- Ondeis sensor (ref 9016345)

INSTALLATION



BE – R&D

QUALITY

MARKETING