



Committed to **you**

AWNINGS / SCREENS

WIND / SUN SENSOR FOR AWNING EOSUN V2 HZ

REFERENCE

DESCRIPTION	REFERENCE
EOSUN V2 HZ	2009767
MOBILE HZ TRANSMITTER SUN 1C	2008826

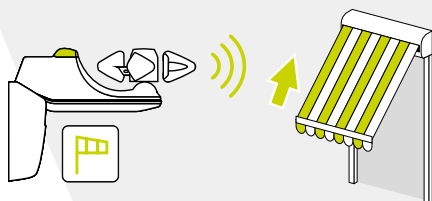
SAFETY AND COMFORT FIRST

- **THIS WIND AND SUN SENSOR**, automatically manages opening and closing of the awning:
 - In case of strong wind, it will control the closing of the awning to protect it.
 - When it is sunny, it orders the opening of the awning.
 - The wind detection always has priority. Thus, in case of simultaneous sun and wind, it will order the closing of the awning to protect it.
- **EASY INSTALLATION**, EOSUN V2 HZ is compatible with motors equipped with the SIMU-Hz radio control technology (see technical data overleaf). There is no wiring between the motor and EOSUN V2 HZ. It just needs to be wired to the electrical network.
- **MOBILE HZ TRANSMITTER SUN 1C**, to remotely control an awning. Enables to activate or deactivate the sun detection function of the EOSUN V2 HZ.
- **LCD SCREEN**: Displays the current status of the sensor (SUN ON / SUN OFF). Alerts in case of weak battery.



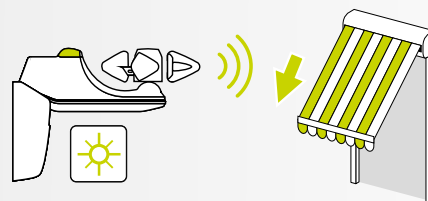
OPERATING PRINCIPLE

RELEASE IN CASE OF WIND:



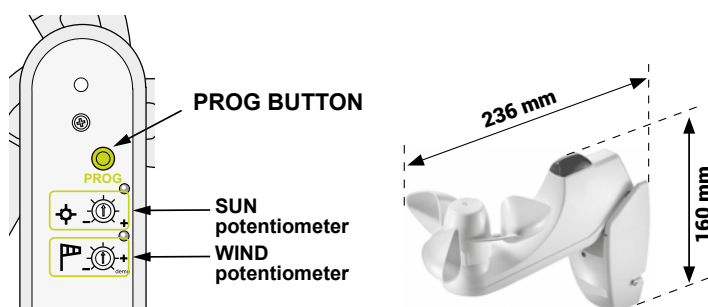
The wind turns the anemometer. When the speed exceeds the threshold set by the installer for more than 2 seconds, the sensor orders the motor to close the awning. When the wind speed drops below the set threshold for more than 30 seconds, the awning can be deployed again. The «sun» function becomes active again after 12 min.

RELEASE IN CASE OF SUN:



The intensity of the sun exceeds the threshold set by the installer for more than 2 minutes, the sensor orders the motor to open the awning. The wind detection function always has priority over sun detection. The security is privileged.

TECHNICAL CHARACTERISTICS



PRODUCT CLASS: Class II
POWER SUPPLY: 230V- 50/60HZ
AMBIANT TEMPERATURE OF USE: -20°C / +50°C
PROTECTION INDEX: IP 34
MOTOR COMPATIBILITY: DMI Hz / Hz02 / E-SP Hz and ZSPHz
RADIO FREQUENCY: 433,42 MHz
RANGE: ~ 200m in free field
 ~ 20m through 2 reinforced concrete walls
 (it depends of the environment and of the pollution)
WIND SPEED THRESHOLD ADJUSTMENT: from 10 to 50 Km/h
SUNLIGHT INTENSITY THRESHOLD ADJUSTMENT: from 0 to 50 Klux

MOBILE HZ TRANSMITTER SUN 1C

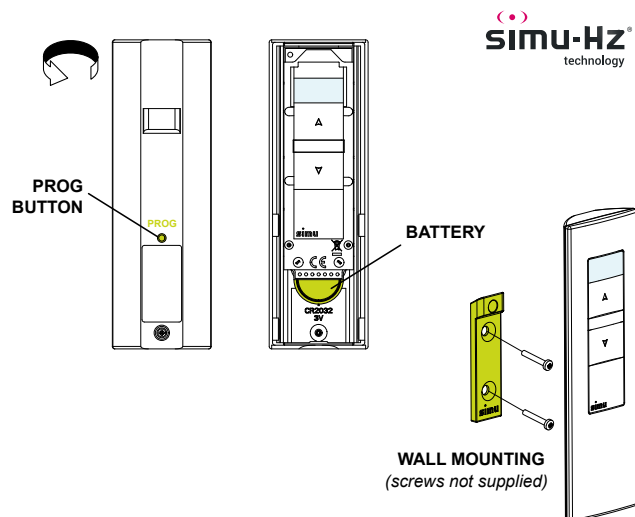
POWER SUPPLY: 3V CR2032 battery
PRODUCT CLASS: Class III
AMBIANT TEMPERATURE OF USE: 0°C / +45°C
PROTECTION INDEX: IP 30
RADIO RANGE: 200 meters in open field and
 20 meters through 2 reinforced concrete walls
RADIO FREQUENCY: 433,42 MHz
MOTOR COMPATIBILITY: DMI Hz / Hz02 / E-SP Hz and ZSPHz



LCD SCREEN DISPLAY

Signal indicator
 Low battery indicator
 SUN ON
 SUN OFF
 Status of the sun function

Screen goes on standby after 2 minutes



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