

Wind-/Rain Sensor, type WLA

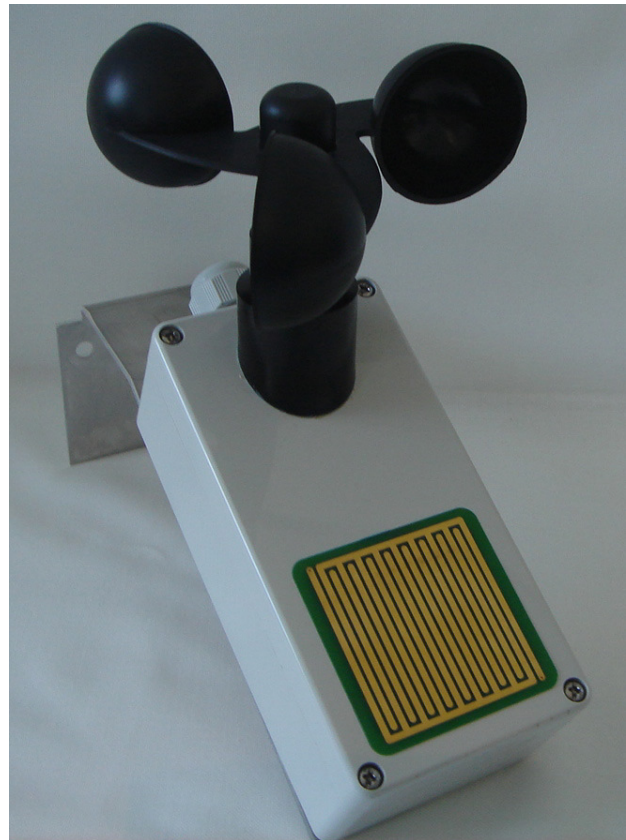
Description

The wind-/rain sensor consists of a wind wheel and a rain sensor surface. It is developed for an automatic control of the smoke and comfort ventilation system. The wind-/rain sensor is protected with a potential free SPDT switch with a contact rating of max. 60V/2A.

In case of wind and/or rain the SPDT switch is activated. The settings for the wind trigger threshold (the wind force makes the sensor report a too high wind force), the actuation delay, the drop out delay and the release in case of main power failure are made by a 6 pole DIP switch in the sensor.

Connection

Terminal 1 = Power supply AC/DC
Terminal 2 = Power supply AC/DC
Terminal 3 = Relay (C)
Terminal 4 = Relay (NC)
Terminal 5 = Relay (NO)



Technical specifications

Power supply	:18V to 26V AC or 20V to 32V DC
Ourput contact	:1 x potential free SPDT switch
Load contact	:60V / 2A
Dimensions	:80 x 160 x 55 mm (WxHxD / without wind wheel)
Weight	:Approx. 0,7 kgs
IP-value	:IP65
Setting of the wind mode	:Approx. 3 to 14 m/s (+ / -20%)
Setting of the wind-/rain drop out delay	:10 min. / 20 min.
Setting of the wind actuation delay	:2 sec. / 5 sec.
Setting of the monitoring	:Off / On
CE-marking	:in accordance with the EMC-directive and low voltage directive.

Only specialists are allowed to connect the control system.

The sensor must be cleaned regularly, depending on soil degree, with a wet cloth with water - no abrasive.