wind rain detector WRD

Technical Data

ARTICLE INFO

The wind and rain detector combination WTS-892 was designed for connection to the SHE and ventilation control panels of Simon PROtec Systems GmbH. In the event of excessive wind and / or rain, the detectors prevent the windows from being controlled by the control panel being left open. The wind force measured via the wind turbine is passed on to the integrated evaluation electronics. This measures the actual value and matches it with the set limit value. If the value is exceeded, a signal contact activates the "Close" command.

Sensor plate with galvanic gold for more functional safety

The WRD wind and rain detector is equipped with a heated sensor plate. This prevents false triggering in extreme weather conditions. Thanks to the galvanic gold coating, the sensor plate is resistant to weather and pollution

The limit value of the wind force can be freely selected (between 1 and 12 Beaufort). By default, the detector is at 4 Bft. set. Over a switch-on delay of up to 24 seconds, any wind gusts can be bridged. It is possible to mount the wind and rain detector both on a mast and directly on a wall.

Wind and rain detector combination WRD at a glance:

- Rain sensor with certified gold contacts for reliable reporting
- after activation 15-minute constant CLOSE command to relieve the controller in case of rapid weather fluctuations
- heated sensor plate from galvanic gold for maximum environmental resistance
- Potential-free changeover contact for on-site evaluation
- including mounting bracket in natural aluminum and mast clamp
- Wind sensor adjustable from a gentle breeze to a hurricane

TECHNICAL DATA

Matchcode	WRD
Article name	wind rain detector WRD
Part number	A3 4581
IP code	IP65
Weight	0.7
Housing	Plastic ABS
Housing type	Plastic
Colour	light grey
Housing length	190

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Housing width	100
Housing height	150
Environment temperature range	-20 °C - 85 °C