******Easy acquisition of meteorological data**

Phoenix Contact offers a pre-installed and tested solution for the acquisition of meteorological data. Several common sensors can be connected to the weather station via standard interfaces. The sensors measures values such as wind speed, wind direction, temperature, irradiation, humidity, and amount of precipitation This meteorological data can be used, for example, to determine the efficiency of a photovoltaic system and to respond immediately to any deviations from the expected yield.

All electrical components in the station are protected against surge voltages. Individual sensors can be easily configured via web interface. No programming knowledge is therefore required in order to start up the weather station. The collected data is transmitted to a SCADA system in the central control room for monitoring and control via suitable interfaces. If there is no data link available to the SCADA system, the data is stored locally on the controller for one week.

**ENDS

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