



DATA SHEET

sensors
SIWR
to record wind speeds
Article number 09500208



[Internetlink](#)

Function

Sensors detect digital or analogue properties qualitatively or quantitatively, assess these and convert them to a system-compatible format. Typical examples are temperature and brightness. The SIWS anemometer and SIWR evaluation unit together form one component for detecting wind which can be used in the Dupline and SI systems or as a standalone device for protecting blinds, awnings and skylights. The SIWS generates pulses according to the current wind, and these pulses are evaluated by the SIWR. Depending on the set wind strength, the SIWR then activates the NC or NO contact.

Features

wind sensors as combination of SIWS anemometer and SIWR wind relay, adjustable sensitivity, NO and NC contact, voltage supply 24 V DC

Mounting

quick fastening to mounting rail, any installation position

Applications

The combination of the SIWS wind sensor and SIWR wind relay is suitable for detecting wind for the control of other devices, including outdoor blinds, awnings, skylights.

Accessories

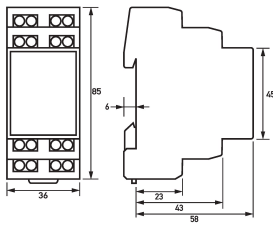
sensors SIWS

Technical Data

Technical Data	SIWR
Series	SIWR
Number of (n.o, n.c.,change-over)	1
Manual operating mode possible	false
Adjustability, switch-on threshold twilight	Smooth
min. Sensor measuring range wind	0 m/s
max. Sensor measuring range wind	32 m/s
	Supply voltage (external adaptor)
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
	Display operation, fault
Type	LED
	load output
Specification	relays
Number	1
Rated voltage (AC)	230 V
Rated frequency	50 Hz
Load factor	20 ALF
	semiconductor output

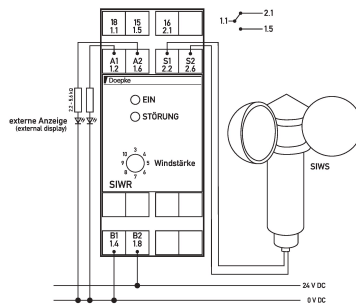
Technical Data	SIWR
Specification	semiconductor
Rated current (DC)	0.05 A
	screw-type terminal (power supply)
Clamping area	0.4 mm ² ... 2.5 mm ²
Tightening torque	max. 0.64 Nm
	General data
Ambient temperature	-10 °C ... 45 °C
Housing type	distribution board housing
Mounting type	Mounting rail (35 mm)
Housing material	polycarbonate (PC)
Protection class	IP20
Width	35 mm
Height	85 mm
Depth	65 mm
Installation depth	58 mm
Width (modules)	2
Design requirements/Standards	EN 60669-1

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram