DATA SHEET

SIRW

to detect rain

Article number 09500207

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 SIRW rain sensor is a component that is equally suitable for both the Dupline and SI systems. Mounted outdoors, it detects rain according to the set sensitivity. An integrated heater ensures that even brief rain is detected. The built-in relay signals to the Dupline and SI system the incoming rain or directly switched installation relays, amongst other devices.

Features

precisely adjustable humidity detection, integrated heating, relay for 50 V AC/2 A, voltage supply 24 V DC

Mounting

on-wall mounting with approx. 30° angle to the horizontal, the sensor points must point downwards, effects from drops of water should be avoided, Mounting on the SIWH telescopic bracket is recommended

Applications

The rain sensor is suitable for detecting rain for the control of other devices, includingoutdoor blinds, awnings, skylights
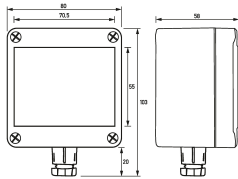
Accessories

Surface mounting sets SIWH

Technical Data

Technical Data	SIRW
Series	SIRW
Number of (n.o, n.c.,change-over)	1
Manual operating mode possible	false
Adjustability, switch-on threshold twilight	Smooth
Operating voltage source	external power supply
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
Current consumption (DC)	max. 0.15 A
	Load output
Specification	Relay
Number	1
Rated voltage (AC)	230 V
Rated frequency	50 Hz
Load factor	50 ALF
	Screw-type terminal (Voltage supply, Load output)
Type of cable inlet	PG9
Clamping area	0.6 mm² ... 1.5 mm²
Tightening torque	max. 0.6 Nm
General data description	General data
Operating position	Tilt angle 30°

Doepke

Technical Data	SIRW
Housing type	wall-mounted housing
Mounting type	Device extension, Wall mounting
Housing material	ABS resin
Protection class	IP54
Width	82 mm
Height	82 mm
Depth	58 mm

Dimensions

Dimensional drawing Group view