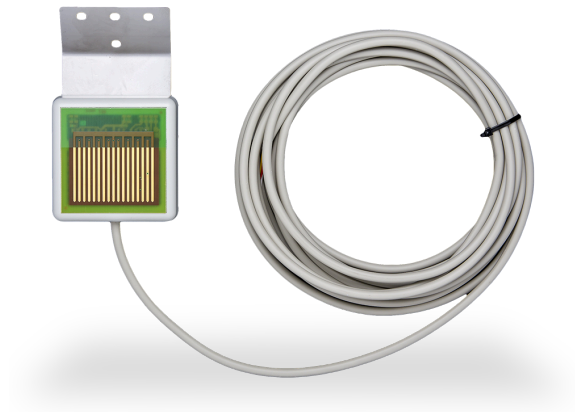


SCN-RS1R.01

KNX Rain Sensor



Product description:

The MDT Rain Sensor reports rain to the KNX installation immediately or after a set time delay. The "rain" alarm as an example, activates, blinds, shutters and awnings to move to their protective position or the skylights to close. The sensitivity of the sensor can be adjusted in three stages. The integrated heating dries the sensor automatically when it rains or when the temperature falls below 3 °C.

Product functions:

- **Automatic heating function to dry the sensor surface**
- Heating operation via external 24 V DC power supply or unchoked output of the bus power supply
- Current consumption of the heating is less than 100 mA
- 5 m Bus connection cable
- Rust free installation bracket supplied in the delivery
- Dimensions (H x W x D): 67 x 67 x 29 mm
- Integrated Bus coupler

Technical data:

Device	Device type	SCN Rain Sensor
	Article Number	SCN-RS1R.01
	EAN / GTIN	4251916111571
	Colour	White
	Dimensions (H x W x D)	67 x 67 x 29 mm
	Weight, gross (incl. packaging)	0.425 kg
	Protection classification	IP55
	Installation position	horizontal
	Weight, net	0.356 kg
Inputs	Number of sensors	1
	Measured variable	Rain
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W ^{*1}
	KNX Medium	TP-256
	KNX Application	as of ETS 3
	Auxiliary voltage	24 ... 30 V DC
Environmental conditions	Ambient operating temperature	-20 ... +70 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
Connections	KNX connection type	KNX bus connection cable, 5 m
	KNX cable cross section	0.6 mm, solid conductor

^{*1} Without heating. Heating operation for sensor drying is possible via the unchoked output of a KNX bus power supply or an external 24 ... 30 V DC power supply. The current consumption of the heater is < 100 mA.

Wiring diagram:

