

MDT Weather devices

Version		
SCN-WS3HW.01	Weather Station Home	Outdoor installation on wall or pole
SCN-RS1R.01	Rain Sensor	Outdoor installation, Surface mounted

MDT technologies offers two Weather devices:

Wetter Station Home:

- 3 channels for sun protection to control blind/shutter
- Sun protection up to 3 facades
- Offers wide functions to control facades (2 switching threshold, teach in function)
- Central shutter control for Up/Down via brightness value (with time delay)
- Brightness value for east, south, west, twilight
- Generates a day/night object
- Wind speed value, alarm if wind speed exceeds limit, temperature value
- Suited to control facades at home
- Installation on wall or pole, 5 m connection cable
- No additional power supply required
- Integrated bus coupling unit
- 3 years warranty

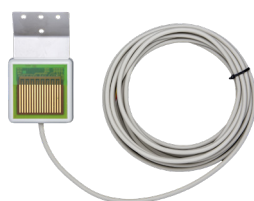
Rain Sensor:

- Integrated, automatically heating
- Heating operation by choke free output STV-640/STC series or external 24 ... 30 V DC power supply
- Current consumption of heating is < 100 mA
- 5 m bus connection cable
- Stainless fastening angle included in delivery
- Dimensions (W x H x D): 67 x 67 x 29 mm
- Integrated bus coupling unit
- 3 years warranty

SCN-WS3HW.01



SCN-RS1R.01



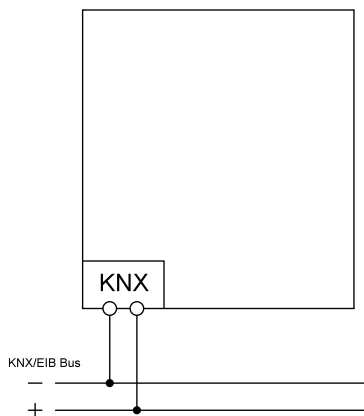
- Production in Germany, certified according to ISO 9001
- Modern design
- Fully compatible to all KNX/EIB devices
- Integrated bus coupling unit
- 3 years warranty

Technical Data	SCN-WS3HW.01	SCN-RS1R.01
Measured data	Brightness, Wind, Twilight, Temperature	Rain
Twilight range	0 ... 1000 Lux	--
Daylight range	0 ... 100000 Lux	--
Temperature range*	- 20 ... + 70 °C	--
Wind speed range	0 ... 32 m/s	--
Specification KNX interface	TP-256	
Available application software	As of ETS 3	
Permitted wire gauge		
KNX bus connection	Ø 0.8 mm, solid core	
Power supply	KNX-Bus	
Power consumption via KNX bus typ.	< 0.3 W	< 0.3 W **
Operation temperature range	- 20 ... + 70 °C	-20 ... + 70 °C
Enclosure	IP44	IP55
Dimensions control unit (W x H x D)	--	67 x 67 x 29 mm

* Depending on mounting position the measured temperature value can be different from real temperature value.

** Without heating. Heating operation by choke free output STV 640 or external 24 ... 30 V DC power supply. Current consumption of heating is < 100 mA

Exemplary circuit diagram SCN-WS3HW.01



Exemplary circuit diagram SCN-RS001.01

