

MDT Weather devices

Version		
SCN-WS3HW.01	Weather Station Home	Outdoor installation on wall or pole, flush mounted control unit
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 treshold, 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, 5m connection cable
- No additional power supply required
- Integrated bus coupling unit
- 3 years warranty

Rain Sensor:

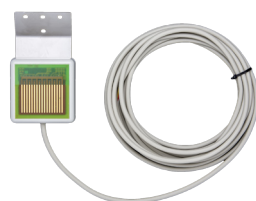
- Integrated, automatically heating
- Heating operation by choke free output STV-640/STC series or external 24VDC power supply
- Current consumption of heating is <100mA
- 5m bus connection cable
- Stainless fastening angle included in delivery
- Dimensions (W x H x D): 67mm x 67mm x 29mm
- Integrated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

For project design and commissioning of the Weather devices it is recommended to use the ETS. Please download the application software at www.mdt.de/Downloads.html

SCN-WS3HW.01



SCN-RS1R.01



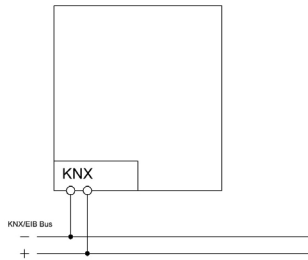
- Production in Germany, certified according to ISO 9001
- Modern design
- Fully compatible to all KNX/EIB devices
- Integrated bus coupling unit
- 3 years warranty

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°C to + 70°C	--	
Windspeed range	0 - 32 m/s	--	
Specification KNX interface	TP-256	TP-256	
Available application software	ETS 3/4/5	ETS 3/4/5	
Permitted wire gauge			
KNX busconnection	0,8mm Ø, solid core	0,8mm Ø, solid core	
Power supply	KNX Bus	KNX Bus	
Power consumption via KNX bus typ.	< 0,3W	< 0,3W**	
Operation temperature range	-20 to + 70°C	-20 to + 70°C	
Enclosure	IP 44	IP 45	
Dimensions control unit (W x H x D)	--	67mm x 67mm x 29mm	

* 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 24VDC power supply. Current consumption of heating is <100mA

Exemplary circuit diagram SCN-WS3HW.01



Exemplary circuit diagram SCN-RS001.01

