

**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:**

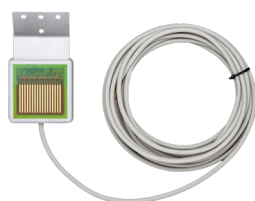
- Integrated, automatically heating
- Heating operation by choke free output STV-640/STC series or external 24VDC power supply
- Current consumption of heating is <100mA
- 5m bus connection cable
- Stainless fastening angle included in delivery
- Dimensions (W x H x D): 67mm x 67mm x 29mm
- Integrated 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](http://www.mdt.de/Downloads.html)

SCN-WS3HW.01



SCN-RS1R.01



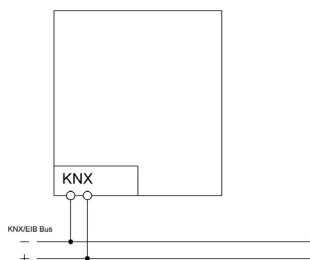
- Production in Germany, certified according to ISO 9001
- Modern design
- Fully compatible to all KNX/EIB devices
- Integrated bus coupling unit
- 3 years warranty

| 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-RS01.01**

