

Solar Monitor

Installation instructions SM2-DI

Package contents

Digital inputs module

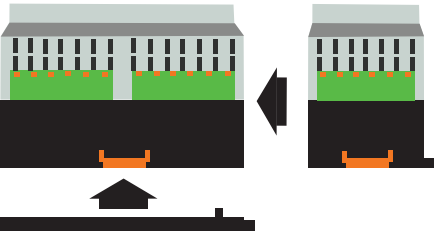
- Solar Monitor SM2-DI
- installation instruction

Bus HBUS

- part for connection to SM2-MU

1. Step

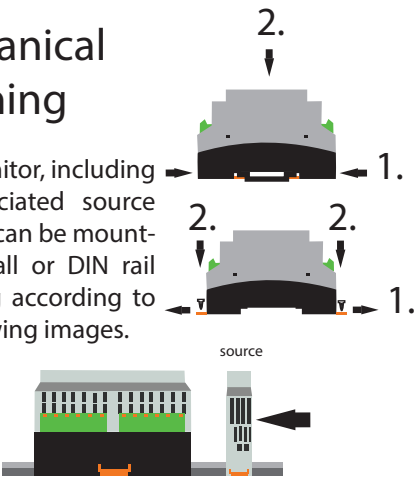
Connect the bus HBUS SM2-MU.
Connect module SM2-DI with SM2-MU as shown below.



2. Step

Mechanical fastening

Solar Monitor, including any associated source modules can be mounted on wall or DIN rail mounting according to the following images.



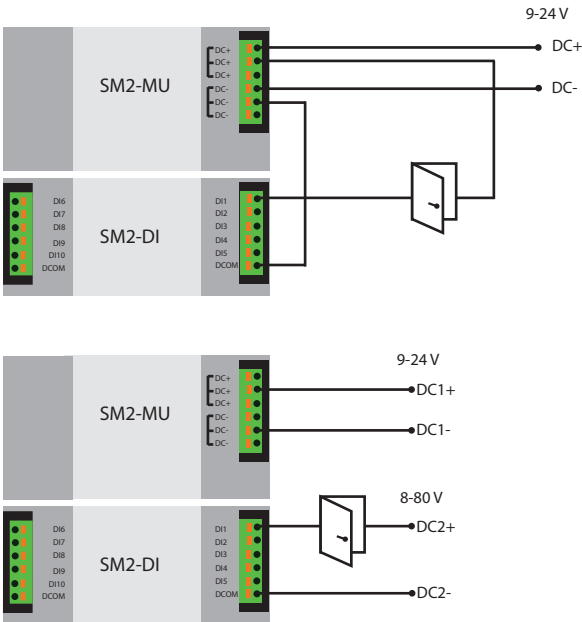
3. Step

Connection of digital inputs

The SM2-DI module has 10 digital inputs. The connection of inputs is similar to the SM2-MU. You can easily connect a motion sensor, lightning arresters, light curtains, door sensor, and any other types of devices that indicate the status of contact output.

There are two methods of connection.
In the first one it is necessary to connect DC- terminal of the SM2-MU with an appropriate DCOM terminal of the SM2-DI. One DCOM terminal belongs to the inputs DI1-DI5 and the other DCOM terminal belongs to the inputs DI6-DI10. For switching input it is necessary to bring the signal DC+ of the SM2-MU unit to the appropriate terminal of the SM2-DI module.

In the second method of the connection inputs of the SM2-DI module use an external power supply. As shown in the following picture, the applied voltage must be in the range of 8-80 V.



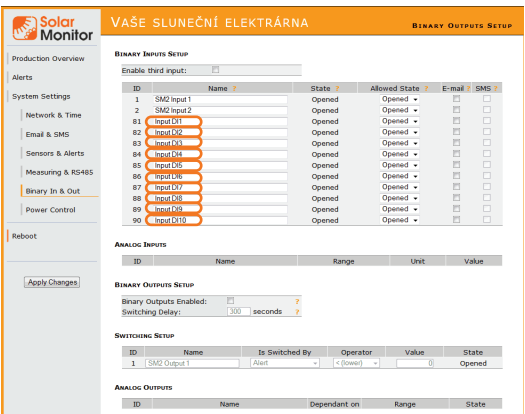
4. Step

Startup and configuration

Once the modules are connected and Solar Monitor is connected to power supply then the green LED Status should be lit. Otherwise, check the connection module SM2-MU.

In the browser menu open the "System Settings / Binary In & Out".

Here you choose the allowable value of the appropriate input.



Checkbox shown below is used to select events in which an SMS is sent (e.g. the value from the sensor is outside the allowable range).

E-mail ?	SMS ?
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>