Handleiding Huawei dongle

Versie 10-1-2024

Inhoud

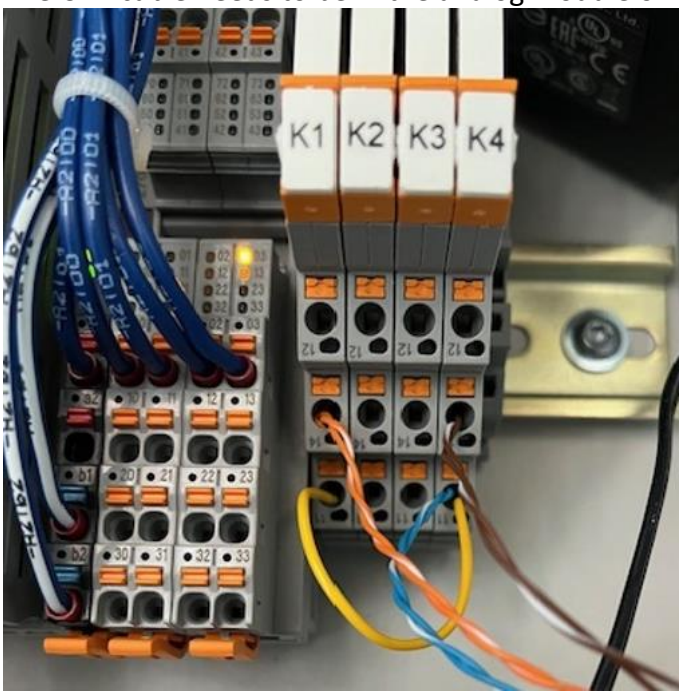
1. Digital input

The Huawei dongle is recommended to connect through the control settings. The digital input installation requires UTP cable without RJ45 connector from the interface to the Flexbox. The cable will be installed on the basic module in the module carrier or in the K1 and K4 relays.

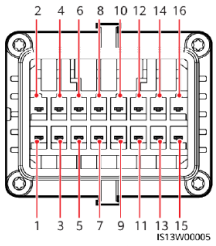
For the Flexbox V2, the analog module can be used to create 2 signals for 0% and 100%.

2. Installation

The UTP cable needs to be in the analog module or K1 100% and K4 0% relays.



The Huawei dongle needs to connected based on the image below.
Blue: 13
Brown: 8
Orange: 10



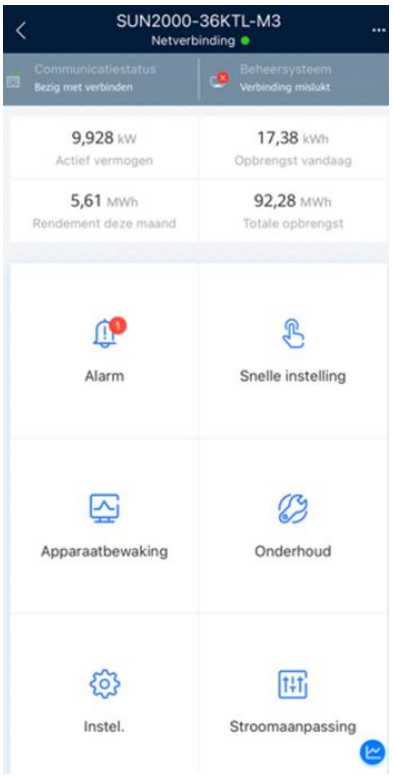
Pin	Definition	Function	Description	Pin	Definition	Function	Description
1	485A1_1	RS485 differential signal +	For inverter cascading or connecting to the RS485 signal port of a SmartLogger	2	485A1_2	RS485 differential signal +	For inverter cascading or connecting to the RS485 signal port of a SmartLogger
3	485B1_1	RS485 differential signal –		4	485B1_2	RS485 differential signal –	
5	PE	Shield layer grounding	-	6	PE	Shield layer grounding	-
7	485A2	RS485 differential signal +	For connecting to the RS485 signal port for controlling the power meter at the grid connection point.	8	DIN1	Dry contact for grid scheduling	-
9	485B2	RS485 differential signal –		10	DIN2		
11	-	-	-	12	DIN3		
13	GND	GND	-	14	DIN4		

3. Configuration

Configuration off a interface with the Oliva Flexbox will be done through the application off Huawei.

To change the settings off the inverter, log in with the sun2000 or fusionSolar app.
Scan the QR code on the inverter to get access. The standard password is 0000a or 00000a.

Once logged in, go to instellingen or settings.



The following step is stroom aanpassing or power adjustment;

The next step is to switch on: Planning droog contact or planning dry contact.
Secondly, go to the instellingen or settings of the dry contact.

Here you will change the settings of D1 to 0% and D2 to 100%.

4. Final check

After the configuration has been done, it can be tested. This can be done by installing a cable to the 24v in the Flexbox and connect it with 40 and 41 on the DI/DO block.
In the application it will be visible if the PV installation goes to 0kW output.