

Kommunikationsstatus APP Mini EnMS

Questions:

We have reinstalled the Mini Enms app on UMG 508 (2201-4126) and we noticed that the slave meter's connection red light will only turn green when there is load running on the slave meter.

The screenshot below indicates "slave 1" is without load, "slave 2" is running with load, thus slave 2 has a green light.

- Is this operation correct?
- The green light appears only when there is a load on the UMG96RM slave meter?
- If yes, does it mean that the red colour does not imply the connection of UMG96RM (slave meter) to UMG 508?
- Also we will not know whether the slave meter is communicated with the UMG 508 until there is a load.

Please advise.

The screenshot shows the Janitza UMG508 Mini EnMS app interface. The top bar includes the Janitza logo, the device name UMG508, and a language dropdown set to English. Below the top bar is a navigation menu with icons for Home, Measurement values, Apps, Information, and Help. The main content area is titled "Mini EnMs" and contains a tabbed interface with "Overview", "Measuring values", "Energy usage", and "Settings". The "Measuring values" tab is active, displaying a table of measurement data for the Master and Slave meters. The Master meter section shows voltage, current, power, and energy values for L1, L2, and L3 phases. The Slave 1 meter section shows current, power, and energy values for L1, L2, and L3 phases, with a red light indicator. The Slave 2 meter section shows current, power, and energy values for L1, L2, and L3 phases, with a green light indicator.

Master					
Voltage L1-L2	0.24 V	Current L1	0.07 A	Power P L1, L3	0.00 W
Voltage L2-L3	0.04 V	Current L2	0.12 A	Power S L1, L3	0.04 VA
Voltage L3-L1	0.21 V	Current L3	0.08 A	Power Q L1, L3	0.07 var
THD-U L1	127.10 %	THD-I L1	—	Cos-phi L1, L3	0.00
THD-U L2	200.00 %	THD-I L2	—	Power factor L1, L3	0
THD-U L3	235.64 %	THD-I L3	—	Energy L1, L3	4966.48 kWh

Slave 1		Slave 2	
Current L1	0.00 A	Current L1	96.29 A
Current L2	0.00 A	Current L2	96.23 A
Current L3	0.00 A	Current L3	96.51 A
Power P L1, L3	0.00 W	Power P L1, L3	-71009.80 W
Power S L1, L3	0.00 VA	Power S L1, L3	71012.20 VA
Energy L1, L3	0.06 kWh	Energy L1, L3	-0.20 kWh

Answer:

Yes the customer is correct, the "red" light will show up when:

- The values Current L1,L2,L3 and Power P and Power S all read-out as "0.00"
- This can indeed occur under two circumstances
- 1.: There is no connection (then the program will write "0" to all values except usage)
- 2.: There is absolutely no "power flowing"

Yes the customer is correct.