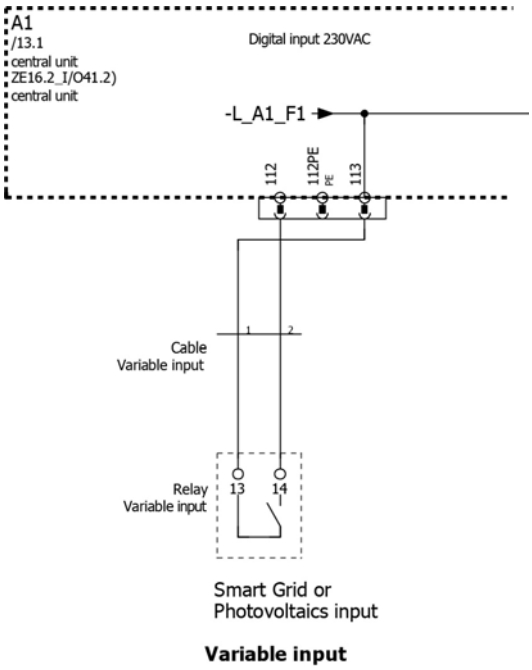
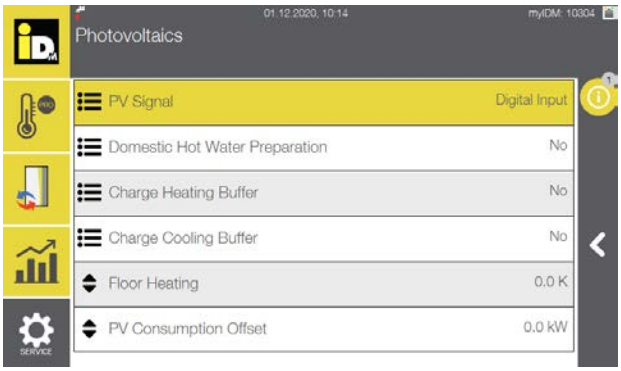
2.2.1. Communication via digital input (potential-free contact)

In order to be able to operate the heat pump with PV power, the inverter must output a potential-free signal as soon as the threshold value set on the inverter by the system operator is reached. The signal from the inverter must be connected to the variable input (terminal 112/113) of the NAVIGATOR control 2.0. The setting of the threshold value always depends on the size of the PV system and the size of the heat pump.

» If a low threshold value is set, the heat pump may run on a mix of PV electricity and electricity from the grid.
» If a high threshold value is set, the heat pump runs largely on PV electricity.
However, the time window for operation is smaller.



Variable input



The heat pump does not know the current output of the PV system!

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