

Power sensors

The measurement of electrical power and energy of all energy sources and main electrical consumers is provided by single-phase ([PM1-E-D](#)) and three-phase ([PM3-I-D](#) and [PM3-E-D](#)) power sensors which are connected directly to HEMS master controller [MC-230](#). It supports:

- **1 grid** power sensor
- up to **3** sensors for local power **plants** (PV, Wind, Cogeneration, Generator, etc)
- up to **2** local **storage** systems (home battery)
- up to **4** managed **consumers** (electrical heating, electrical water heater, washing machine, tumble dryer, ...)

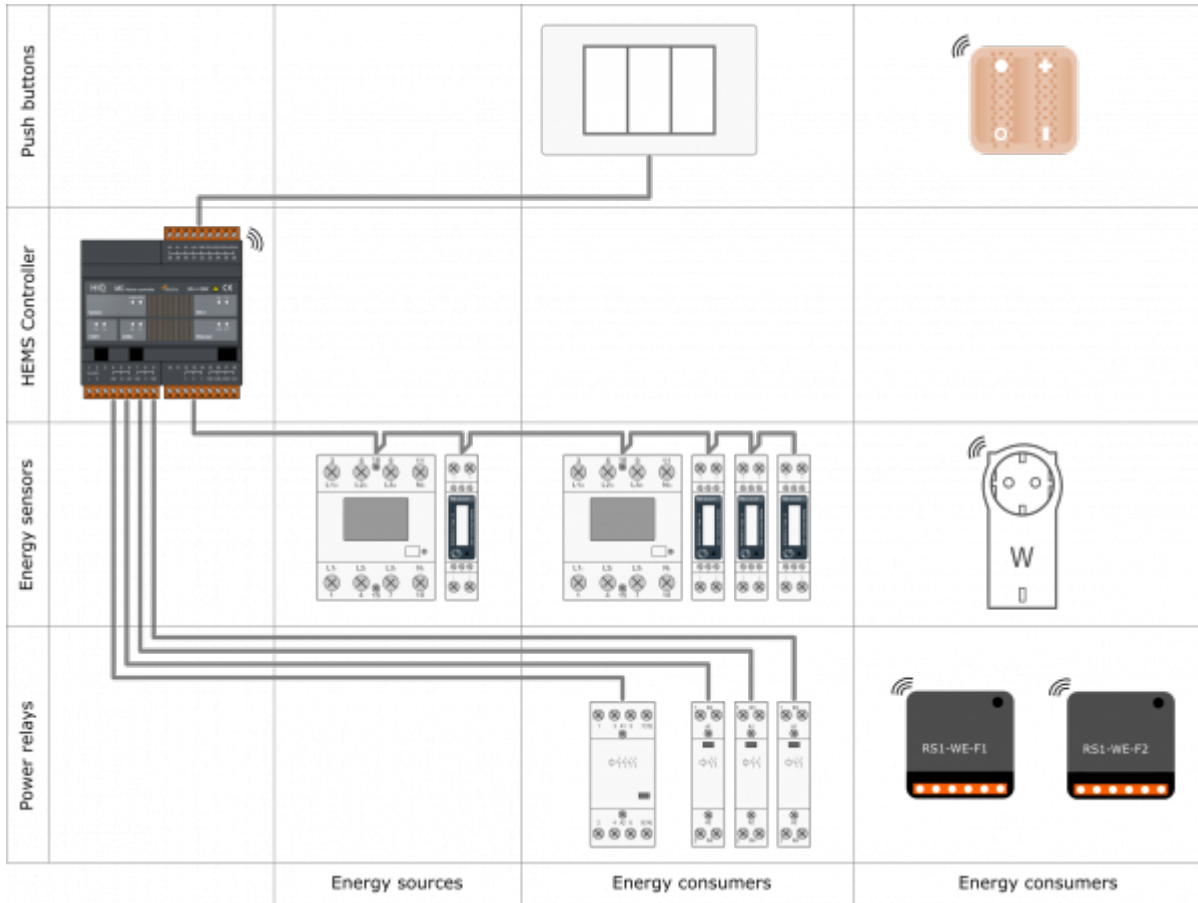
The measurement of main electrical consumers is also possible with wireless modules ([Metering smart plug](#) and [Micro smart plug](#)) which are paired to HEMS master controller [MC-230](#). It supports up to **8** managed **consumers**.

Power relays

Are used for control of managed consumers. Power relays are toggling power supply or enabling signal for the operation of the device. They are controlled directly from HEMS master controller [MC-230](#).

Push buttons

Are used for manual control of managed devices. Push buttons are directly wired or paired ([Soft remote](#)) and to HEMS master controller [MC-230](#).



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