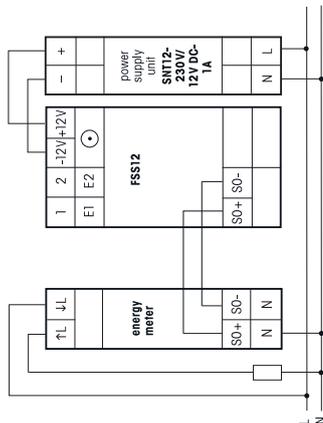


The enclosed small antenna can be replaced with a wireless antenna FA250 or if need be FA200 and FAG55E- (see page 1-4).

Typical connection



Manuals and documents in further languages:
https://eltako.com/redirect/FSS12-12V_DC

FSS12-12V DC

Wireless energy meter transmitter module for connection to SO interface of many single-phase energy meters and three-phase energy meters. Only 0.5 watt standby loss. With load shedding relay 1 NO contact potential free 4 A/250 V and with exchangeable antenna. If required, a wireless antenna FA250 or FAG55E- can be connected.

Modular device for DIN-EN 60715 TH35 rail mounting.

2 modules = 36 mm wide, 58 mm deep.

The energy meter transmitter module FSS12 evaluates the signals of the SO interface of an electricity meter and sends wireless telegrams with the consumption and the meter reading to the ELTAKO wireless building for evaluation with the controller. On three-phase energy meters, the data sent includes normal rate (HT) or off-peak (NT) energy tariff data, provided the E1/E2 terminals on the three-phase energy meter are connected to E1/E2 on the FSS12.

With adjustable pulse rate.

The 12 V DC supply voltage is powered at 12 W by a wide-range power supply unit WNT15-12VDC/24W that is only 1 pitch unit wide.

If the relay of the FSS12 is switched on, a power of 0.6 watts is required.

The setting and display screen is subdivided into 3 fields:

- **Field 1:** The normal display is the unit of the meter reading currently displayed in Field 3. This alternates every 4 seconds with either kilowatt hours kWh (KWH in display) or megawatt hours MWh (MWH in display). The display in Field 1 is supplemented by a + sign after the reading to indicate that the off-peak tariff rate is applied to E1/E2.
- **Field 2:** Instantaneous values of energy consumption (active power) in watt (W) or kilowatt (kW). The left-pointing arrow in Field 1 indicates an automatic switchover from 0 to 99 W to 0.1 to 65 kW.
- **Field 3:** The meter reading is the normal display. Every 4 seconds the display alternates between 3 whole numbers and 1 decimal point (from 0.1 to 999.9 kWh) and 1 or max 3 whole numbers (from 0 to 999 MWh). At freely chosen pulse rates whose last digit is not 0, the meter reading is displayed without decimal place in increments of 1 kWh.

Wireless telegrams: Maximum every 130 seconds a performance telegram will be sent and the display will be updated. Otherwise a telegram will be sent within 20 seconds if the power changed by at least 10%. A switchover from HT to NT is transmitted immediately in the same way as a meter reading change. A full telegram comprising meter reading HT, meter reading NT and power is transmitted 20 seconds after the power supply is switched on and then every 10 minutes. Settings with the MODE and SET buttons according to the operating instructions.

FSS12-12V DC	Wireless energy meter transmitter module	Art. No. 30100600	112,10 €/pc.
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