

## Energy consumption indicator

### FEA55D

#### ! Note: Select English language!\*

Wireless energy consumption indicator with display for integration in the 55x55mm and 63x63mm switch system.

Standby loss 0.8 watt only.

Supply voltage 230V.

The scope of supply comprises the frame R and one intermediate frame ZR (all same colour) and the mounting base.

In addition, an intermediate frame ZRF in the same colour is supplied for installation in an existing frame R1F, R2F or R3F for flat pushbuttons.

The energy consumption indicator evaluates the information received from the wireless energy meter transmitter module FSS12 or the wireless single-phase energy meters FWZ12- or FWZ61-16A and indicates the current energy consumption from 15W up to 65kW.

In addition, the consumption of the past hours, days, months and years are retrievable.

The normal rate and off-peak status are also displayed on the FSS12 by an LED.

The display is subdivided into 3 fields.

- **Field 1:** This display refers to the cumulative value in field 3.

**|||| moving slowly to the right** = Field 3 shows the cumulative consumption since last reset. This is the display standard mode.

**H01** = Field 3 shows the consumption for the last hour up to H24 = 24 hours ago.

**D01** = Field 3 shows the consumption for the last day up to D31 = 31 days ago.

**M01** = Field 3 shows the consumption for the last month up to M12 = 12 months ago.

**Y01** = Field 3 shows the consumption for the last year up to Y24 = 24 years ago.

- **Field 2:** Instantaneous values of energy consumption from 15W up to 65kW (active power) in watt (W) or kilowatt (kW). The display arrows on the left and right show the automatic change W and kW.

- **Field 3:** Cumulative value in kWh. Display up to 9.999kWh with 1 decimal digit, from 1000kWh without decimal digit.

\* **Press the left button MOD** to scroll down the display options which are shown in field 1:

H01, D01, M01, Y01, LRN and the abbreviation of the set language, e.g. GB for English, D for German and F for French.

**Press the right button SEL** once within the display options to increment the indicated figure by 1. The corresponding value is indicated in field 3. The last clock hour then becomes the hour before last, etc.

If the active language was selected with MOD, press SEL to switch to a different language. Exit the new language setting by pressing MOD to activate the setting.

The program returns to the standard display mode automatically if MOD or SEL are not operated for 20 seconds or if you press both buttons briefly simultaneously.

#### Teaching-in wireless energy meter transmitter modules

Press MOD to select the abbreviation LRN, then press SEL to activate the teach-in mode. An activated teach-in mode is indicated by LRN blinking. After successful teach-in of the wireless energy meter transmitter module, the program jumps back automatically to normal display. Only one transmitter module can be taught-in. The last module taught-in is active.

#### Reset

To start saving the values to the nearest hour, we recommend performing a reset at an opportune moment after installation. Hold down the buttons MOD and SEL simultaneously for a further 3 seconds until RES appears. Then press SEL briefly to reset all memories. Afterwards the program returns automatically to standard display mode.

#### Tariff display

LED lights up red = normal rate (HT) enabled  
LED lights up green = off-peak (NT) enabled  
If no wireless telegram is received for longer than 22 minutes, there is no tariff display.

### Important Note!

**Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock.**