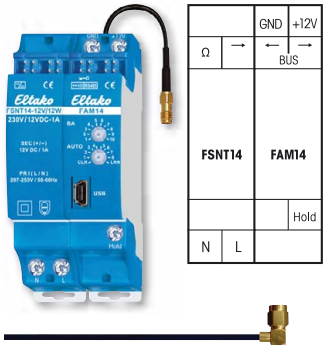
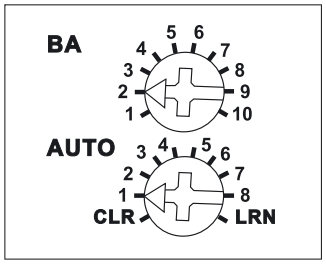


The enclosed small antenna can be replaced with a wireless antenna FA250 or an FA200 and FAG55E- (see page 1-48).

enocean

Function rotary switches



Standard setting ex works.

Manuals and documents in further languages:
https://eltako.com/redirect/FAM14



Accessories:
FA250 magnetic base antenna

Housing for operating instructions GBA14 page 1-49.

FAM14

Wireless antenna module for the ELTAKO RS485 bus with exchangeable antenna. With enclosed power supply FSNT14-12V/12W. Bidirectional. Encrypted wireless. Only 0.8 watt standby loss. If required, a wireless antenna FA250 or FA200 can be connected.

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18 mm wide, 58 mm deep.
Supply voltage 12 V DC.
Connection to the ELTAKO RS485 bus. Bus wiring and power supply with jumpers.
The delivery includes 1 power supply FSNT14-12V/12W, 1 Spacer DS14, 2 terminators with printing Ω, 1/2 module, 3 jumpers 1 module (including 1 spare), 1 jumper 1.5 TE, 2 jumpers 1/2 module (including 1 spare) and 1 jumper installation tool SMW14.
If the power supply is subjected to a load of more than 4 W, a ventilation distance of ½ to neighboring devices must be maintained on the left side. With a load greater than 6 W, a ½ ventilation gap is also required between the FSNT14 and the FAM14 with the DS14 spacer.
A DS14 spacer and a long jumper are therefore included. If the total power requirement of a Series 14 bus system is higher than 10 W, an additional FSNT14-12V/12W must be used for every 12 W of additional power.
Optionally, 12 V DC can also be supplied at the GND/+12 V terminals.
The wireless antenna module FAM14 receives and tests all signals from wireless transmitters and repeaters within its receiving range. These are transmitted via an RS485 interface to RS485 bus switching actuators connected in series: Up to 126 channels can be connected to the ELTAKO RS485 bus. Bus cross wiring and power supply with jumper.
The attached second terminator should be plugged to **the last actuator**.
You can teach in up to 32 encrypted sensors.
Mini USB to connect to a PC, to create an equipment list, to configurate the actuators using the PC tool PCT14 and for data backup. A QR code for downloading the PCT14 from the ELTAKO homepage www.eltako.com is included with the FAM14.
Gateways FGW14 and FGW14-USB are connected to the Hold terminal if following connections to the RS484 bus are present: with a PC over an RS232 bus, with up to 3 radio receiver modules FEM with a Sub Bus RS485 or with LAN/WLAN. The FTS14EM, FTS14TG and FWG14MS are also connected to the Hold terminal.
The lower rotary switch is required to teach in encrypted sensors and can be turned to AUTO 1 in operation. Unencrypted sensors need not be taught-in in the FAM14.
With the upper rotary switch BA 10 different operating modes can be set as described in the operating instructions.
The upper LED displays all perceived wireless commands in the reception area by short flickering.
The bottom LED lights up green if a connection from the PC tool PCT14 to the FAM14 was created. When reading or writing date the LED flickers green. The green LED goes out if the connection from the PC tool PCT14 to the FAM14 was terminated.
Meter special operating modes
In the meter operating modes, the focus is on the adjustable transmission speed of electricity meter data for external building energy managers. Data can be accessed and forwarded via connected gateways (FGW14, FGW14-USB). **Additional setting options are available for meters from production week 33/23**.

FAM14	RS485 bus wireless antenna module	**Art. No. 30014000**	**130,80 €/pc.**
Accessories: FA250	Wireless antenna with 250 cm cable, black	**Art. No. 30000550**	**33,60 €/pc.**
Accessories: FA250-gw	Wireless antenna with 250 cm cable, grey white	**Art. No. 30000553**	**33,60 €/pc.**

Recommended retail prices excluding VAT.