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<https://eltako.com/redirect/FSHA-230V>

## FSHA-230V



**1 NO contact nor potential free 10 A/250 V AC. Encrypted wireless, bidirectional wireless and repeater function switchable. Only 0.8 watt standby loss.**

Adapter for German Socket (Typ F). With increased shock protection.

Supply and switching voltage 230 V. Zero passage switching.

If a power failure occurs, the switching state is retained.

Device is programmed to switch off when the power supply is restored.

**The FSHA evaluates the data of wireless temperature controllers or sensors. Can be supplemented by window/door contacts, window handles, motion detectors and wireless pushbuttons.**

After installation, wait for short automatic synchronisation before the switched consumer is connected to the mains.

**Encrypted sensors can be taught in.**

**Bidirectional wireless** and/or a **repeater** function can be switched on.

Every change of state is then confirmed by a wireless telegram.

This wireless telegram can be taught in other actuators and controllers.

**The FSHA operates as a two-point controller:**

Switches off at 'actual temperature  $\geq$  set temperature'.

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Hysteresis is defined at 1°.

The **frost protection function** is always enabled. As soon as the actual temperature drops below 8°C, the temperature is regulated to 8°C.

If one or several windows are open, the output remains off **provided the window/door contacts or window handles** are taught-in. However, the frost protection remains enabled.

As long as all taught-in **motion detectors** detect no motion, the device is switched to setback mode and the reference temperature is set back by 2°. As soon as a motion detector signals movement again, the device is switched to normal mode.

When a **wireless pushbutton** is taught-in, the assignment of the 4 keys is assigned with the following fixed functions:

Top right: Normal mode (AUTO), can also be enabled by timer.

Bottom right: Night setback mode by 4°, can also be enabled by timer.

Top left: Setback mode by 2°

Bottom left: Off (frost protection enabled)

If the motion detector and wireless pushbutton are taught-in at the same time, the last telegram received is always the one that is valid. A motion detector therefore switches off a setback mode selected by wireless pushbutton when a movement is detected.

**Malfunction mode:**

If a temperature sensor fails to receive a wireless telegram for longer than 1 hour, the LED lights up and the device switches to fault mode. The FSHA-230V switches cyclically between 'ON' for 4.5 minutes and 'OFF' for 10.5 minutes. When a wireless telegram is again received, the LED goes out and the device switches back to normal mode.

**The LED** lights up during teach-in according to the operating instructions. Wireless control commands are indicated by short flickering during operation.

Technical data page T-3.

<b>FSHA-230V</b>	Wireless actuator Wireless socket heating actuator	<b>Art. No. 30100008</b>	<b>119,70 €/pc.</b>
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