

Wireless Small Actuator FKS-MD15, controlled by the Thermo Clock/Hygrostat FUTH65D

Eltako
ELECTRONICS



FKS-MD15

Small actuator

Wireless small actuator for radiators. No wires since it is battery powered. Low standby losses. Smart Home sensor.

Room temperature control for constant control in conjunction with the thermo clock/hygrostat FUTH65D.

Fitted to customary radiator valves made by numerous manufacturers.

The small actuator is powered by 3 alkaline Mignon Type AA batteries that have a service life of up to 3 years. Energy-saving technologies and sophisticated engineering ensure very low power consumption.

The reference temperature is set on the FUTH65D as well as the switching times **for heat reduction at night**.

Battery monitoring:

The battery capacity is monitored continuously. A low battery capacity is signaled acoustically with short beeps every 6 hours. The remaining capacity of the batteries is then <10%. If the battery voltage drops further, take the safety position, the small actuator occupies the safety position of 50% unlocked.

Teaching-in of FUTH65D in a FKS-MD15:

By pressing the pushbutton located under the removable cover for about 1 second a ready to be taught-in FUTH65D will be taught-in into a FKS according to the operating manual. The status LED lights up briefly and an acoustic signal is emitted.

After the taught-in confirmation of the FUTH65D the LED lights up for 2 seconds and 2 beeps occur.

Communication test:

With the pushbutton located under the hood a communication test can be performed manually. By pressing this pushbutton for 2 seconds the wireless link to the FUTH65D will be checked. A successful communication is acknowledged by the status LED about 3 seconds after the button is released and by a beep.

Wireless interface:

The wireless communication with the FUTH65D is cyclical (wireless cycle approximately every 10 minutes). At the same time the entire wireless protocol will be sent to the FUTH65D and values of the FUTH65D will be received.

Energy hold (automatic identification ,window open`):

With the window open, the heat energy supply for the room is interrupted. An open window will be detected by a strong and rapid temperature drop at the small wireless actuator FKS-MD15. This then closes the valve for 30 minutes, then the small actuator FKS-MD15 returns to normal operation and the function ,energy hold` is active again.

If window contacts FTK are taught-in in the FUTH65D, the temperature reduction is controlled by the FTK.

Anti-freeze function:

If the temperature at the internal temperature measuring transducer drops below 6°C, the small wireless actuator opens the valve as long as 8°C will be reached.

Emergency operation:

An integrated temperature controller is activated when no wireless telegram is received. With the integrated temperature measuring transducer (actual value) and the integrated control function of the actuator it will be regulated to a fixed setpoint of 20°C.

Without adapter on valves with M30x1.5 connection thread made by Heimeier, Honeywell-MNG, Junkers, TA, Honeywell-Bankmann, Oventrop (2001 or later), Cazzaniga etc.

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EAN 4010312311103

128,70 €/pc.