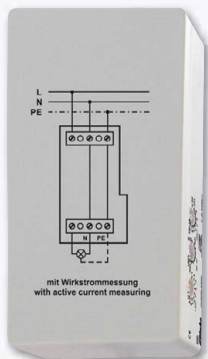


NEW

FSR70W-16A



1 NO contact not potential free 16A/250V AC, incandescent lamps up to 2000 watts. With integrated active power measurement up to 3680 watts. Bidirectional wireless and with repeater function. Only 0.9 watt standby loss.

Mounting in the 230V power supply cord, e.g. in false ceilings.
100mm long, 50mm wide and 31 mm deep.

This wireless actuator is an impulse switch with integrated relay function and features state-of-the-art hybrid technology that we developed: we combined the wear-free receiver and evaluation electronics and a bistable relay with zero passage switching.

By using a bistable relay coil power loss and heating is avoided even in the on mode.

Power is measured by the integrated **active power measurement** from approx 10W when the contact is closed. A wireless telegram is transmitted into the Eltako wireless network within 20 seconds after switching on the load or after a change in power by min 5% and cyclically every 10 minutes. Signal evaluated by the Wireless Visualisation and Control Software FVS or the energy consumption indicators FEA55.

With **bidirectional wireless**; in addition, a **repeater** function can be switched in. Every change in state and incoming central command telegrams are confirmed by a wireless telegram.

This wireless telegram can be taught-in in other actuators, in the FVS software and in FUA55 universal displays.

With the middle rotary switch on the side in the setting LRN up to 35 wireless pushbuttons can be assigned, of which one or more central control pushbuttons. In addition wireless window/door contacts with the function N/O contact or N/C contact while the window is open. The required function of the impulse switch with integrated relay function can then be selected:

ER = switching relay

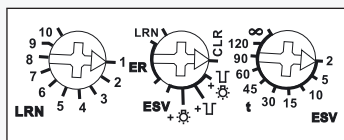
ESV = impulse switch. Possibly with off delay, then

+ = ESV with pushbutton permanent light

+ = ESV with switch-off early warning

+ = ESV with pushbutton permanent light and switch-off early warning

Function rotary switches on the side



Standard setting ex works.

If the permanent light function is switched on, the function can be activated by pressing the pushbutton for longer than 1 second. This function switches off automatically after 2 hours or by pressing the pushbutton.

If the switch-off early warning is switched on, the light starts to flicker approx. 30 seconds before time-out. This is repeated three times at decreasing time intervals.

If both switch-off early warning and pushbutton permanent light are switched on, switch-off early warning is activated before automatic switch-off of the permanent light.

The function ESV on the right rotary switch on the side sets the off delay from 2 to 120 minutes. In setting ∞ normal impulse switch function ES without off delay, without pushbutton permanent light and without switch-off early warning.

In setting ER = switching relay of the middle rotary switch, this rotary switch fulfils a safety and power saving function in the settings except ∞ . If the switch-off command is not recognised, e.g. since the pushbutton is jammed or it was pressed too quickly, the relay switches off automatically on expiry of a time adjustable between 2 and 120 seconds. When a FTK is taught-in, this time function is turned off.

Twilight switch with taught-in wireless outdoor brightness sensor FAH and then in function setting ESV. In time setting 120 the contact opens with a delay of 4 minutes if the brightness level is sufficient. In time setting ∞ the contact opens instantly. The local and central pushbutton control is still possible.

Motion detection with taught-in wireless motion detector FBH in function setting ER. The device switches on when motion is detected. If no more motion is detected, the contact opens after the time delay setting $t = 2$ to 255 seconds (Position ∞).

Outdoor brightness sensor and motion detector can be used together with function setting ER to evaluate motion only in darkness. If the FAH detects brightness, the contact opens immediately.

When teaching-in, the switching threshold is also taught-in: between break of twilight and complete darkness.

The LED under the left rotary switch on the side performs during the teach-in process as described in the instructions below. It shows wireless control commands by short flickering during operation.

Technical data page T-1.

FSR70W-16A

Wireless actuator – Impulse switch with integr. relay function with active power measurement

EAN 4010312312179

95,90 €/pc.

Recommended retail prices excluding VAT.