RS485 Bus Actuator
4-channel Impulse Switch F4SR14-LED

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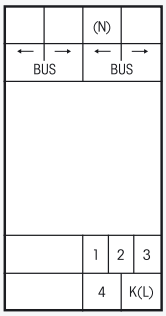


4-channel impulse switch with integrated relay function, 1 NO contact per channel up to 400 W 230 V LED, incandescent lamps 1800 watts, potential free from the power supply, with DX technology. Bidirectional. Only 0.1 watt standby loss.

Modular device for DIN-EN 60715 TH35 rail mounting.
2 modules = 36 mm wide, 58 mm deep.

Connection to the Eltako-RS485 bus. Bus cross wiring and power supply with jumper.

230 V LED lamps can be switched up to 400 W and up to a maximum inrush current of 25 A/100 ms per NO contact.

Patented Eltako Duplex technology allows you to switch normally potential free contacts in zero passage switching when 230 V A/C voltage 50 Hz is switched. This drastically reduces wear. To achieve this, simply connect the N conductor to the terminal (N) and L to K(L). This results in an additional standby consumption of only 0.1 watt.

When all 4 relays of the F4SR14-LED are switched on, a power of 1 watt is required.
If supply voltage fails, the device is switched off in defined mode.
Maximum current as a sum of all 16 A contacts at 230 V.

The channels can be taught-in as ES and/or ER channel separately from each other.

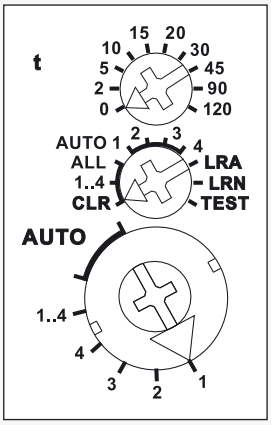
Scene control:
Several channels of one or several F4SR14-LED devices can be switched on or off in a scene by one of the four signals of a pushbutton with double rocker taught-in as a scene pushbutton.

Central commands on PC are sent using the Wireless Building Visualisation and Control Software GFVS. To do this, teach-in one or several F4SR14-LED devices.

Use the rotary switches to teach-in the pushbuttons and test the 4 channels as required. For normal mode, the middle and lower rotary switches are then set to AUTO. With the upper rotary switch the EW time (0-120 seconds) is directly set for relays or the RV time (0-120 minutes) for impulse switches for all channels if necessary.

If **wireless motion/brightness sensors FBH (Master) and/or FBH (slave)** are taught-in, the switching threshold will be set with the upper rotary switch, separated for each channel, at which the lighting will be switched on or off. Settings of the upper rotary switch in accordance with operating manual.

Function rotary switches



Standard setting ex works.

When wireless brightness sensors FAH60 are taught-in, define the switching threshold separately for each channel using the top rotary switch. The switching threshold switches the lighting on or off depending on the brightness (from approx. 0 lux in position 0 to approx. 50 lux in position 120). A hysteresis of approx. 300 lux is permanently set for switch on/off.
An additionally set RV time is not taken into account.

Only one FBH (Master) or FAH can be taught-in per channel. However a FBH (Master) or FAH can be taught-in into several channels.

When wireless window/door contacts FTK or window handle sensors FFG7B-rw are taught-in, different functions can be set with the middle rotary switch in position AUTO 1 to AUTO 4 and linked to maximum 116 FTKs:
AUTO 1 = window closed then output active.
AUTO 2 = window open then output active.
In settings AUTO 3 and AUTO 4 the FTKs taught-in to a single channel are linked automatically. With AUTO 3 all FTKs must be closed so that the N/O contact closes (e.g. for climate control). With AUTO 4 one open FTK is sufficient to close the N/O contact (e.g. for an alarm signal or to switch on the power supply for an extractor hood).
One or several FTKs can be taught-in in several channels to allow several simultaneous functions in each FTK.
After a power failure the link is restored by a new signal to the FTK and a signal on the next status message 15 minutes later.
An additionally set RV time is not taken into account.

Function with **wireless smoke alarm detectors FRW** or **water sensors** according to the operating instructions.

The LED below the upper function rotary switch performs during the teach-in process according to the operating instructions. It shows control commands by short flickering during operation.

Further settings can be made and actuators configured using the PC Tool PCT14.

Connection example page 1-44. Technical data, see page 1-46.
Housing for operating instructions GBA14 page 1-42.

F4SR14-LED	RS485 bus actuator Impulse switch with integr. relay function	EAN 4010312317006	**66,50 €/pc.**

Recommended retail prices excluding VAT.