



Wireless sensor
Key card switch
FKF65 and FK65

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Key card switch FKF65

Wireless card switch for surface mounting 84x84x29mm or mounting into the E-design switching system*.

When the hotel key card in standard bank card format 86x54mm is inserted and removed, a wireless telegram is sent over the Eltako wireless network.

The scope of supply contains the completely assembled two-part card guide, an R1E frame, a mounting frame, a mounting plate, a wireless module and two screws with rawl plugs.

Key card switch FK65 with encoding

Wireless card switch with encoding for surface mounting 84x84x29mm or mounting into the E-design switching system*.

When the encoded key card in standard bank card format 86x54mm is inserted and removed, a wireless telegram is sent over the Eltako wireless network.

The scope of supply contains the completely assembled two-part card guide, an R1E frame, a mounting frame, a mounting plate, a wireless module and two screws with two rawl plugs.

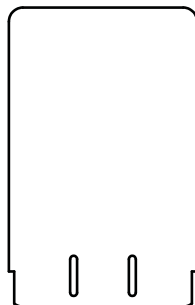
Only **guest cards KCG** with 2 cut-outs and 2 coding slits can be inserted in the card reader slot. Please refer to drawing A below. Normal cheque cards do not emit a wireless telegram since they cannot be inserted deep enough.

In addition, a second card can be encoded as **service card KCS** as shown in drawing B. The wireless telegram deviates from the normal card and can therefore be evaluated by the GFVS Software accordingly. For example, it detects and visualises the attendance of a service employee.

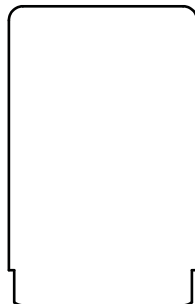
A guestcard KCG and service card KCS is enclosed free of charge to every FK65 as a master for encoding.

We deliver blank white cards encoded as KCG or KCS. Cards supplied printed can be provided by us with coding slits at the full price of the KCG or KCS.

* If required, please order an R2E 2-gang or an R3E 3-gang frames with suspension cut-outs.



A: Guest card encoding KCG



B: Service card encoding KCS

Fitting by screwing

First dismantle the fully assembled card switch. To do this, remove the screw, unhook the card guide and remove the intermediate frame together with the transmitter module by loosening the retaining bars at the top and bottom.

Fit the mounting plate by tightening the screws. Engage the frame together with the hook-in cut-outs at the top and the intermediate frame including the transmitter module with the rear ID 0 upwards. Insert the card guide into the top hook-in cut-outs of the frame and screw tight into the retaining plate using the screw at the bottom.

Worn card guides can be easily replaced without changing the transmitter module.

Fitting actuators

The wireless timers for card switches FZK14, FZK61NP and FZK70 were specially developed to activate the wireless card switches FKF and FK65. A release delay and a response delay are adjustable on this 16A switching relay.

To switch higher loads than specified in the technical data, the actuator must switch a contactor. In this case, do not activate the zero cross contactor at the FZK14.

The wireless module integrated in the wireless card switch can be taught-in encrypted as described in the operating instructions in all encryptable actuators of the Series 61 and FAM14.

This requires the FTVW wireless push-button encryption rocker. Encryptable actuators bear the pictogram .

Teaching-in wireless sensors in wireless actuators

All sensors must be taught-in in the actuators so that they can detect and execute commands.

The teach-in process is described in the operation manual of the actuators.

The key card switch is taught-in like a pushbutton when a card is inserted.

ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

A copy of the EU declaration of conformity can be requested at the address below.

Must be kept for later use!

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