Eltako ELECTRONICS

Wireless sensor - Wireless hotel key card switch FKF and FKC

CE

Wireless hotel key card switch FKF

Wireless card switch 80x80mm external dimensions, with internal frame dimensions 63x63mm, 27mm high.

When the 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 comprises the two-part card guide in the same colour as frame R1F and an attachment frame BRF, one mounting base HP-KS, one wireless module and one adhesive foil.

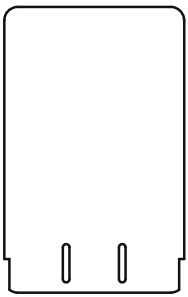
FKC wireless card switch with coding

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

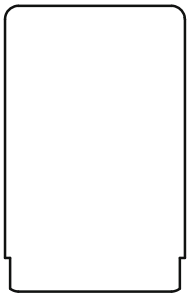
In addition, a second card can be encoded as **service card KCS** as shown in Drawing B. The wireless telegram is different from the normal card and can therefore be evaluated accordingly by the FVS Software, e.g. it can detect and visualise the attendance of a service employee.

Printed delivered cards can be provided by us with coding slits. We deliver blank white cards encoded as KCG or KCS.

Otherwise the FKC corresponds to the FKF.



A: Guest card KCG encoding



B: Service card KCS encoding

Mounting

Secure the mounting plate by screwing or bonding. Engage the frame with the hook-in recesses at top with the attachment frame and snap in the transmitter module with the mark O pointing up. Insert the assembled card guide in the hook-in recesses of the frame and screw tight in the bottom of the mounting plate using the supplied screw.

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

We recommend sheet metal countersink screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes.

Fitting actuators

The wireless timers for card switches FZK12-12V DC, FZK61NP-230V and **FZK70-230V** were specially developed to activate the wireless card switches FKF and FKC. 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 FZK12-12V DC.

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 push-button when a card is inserted.