

Operating instructions FSK-T

The FSK-T (fire department key box with button) enables the fire department an additional provision of keys in case of a fire. Depending on programming and activation of the central fire alarm system (BMZ - Brandmeldezentrale), up to 120 key assemblies can be activated. An extended release of all keys is offered by the fire department lock located inside the box. Release of all keys is only possible by the fire department.

Setup

The FSK-T consists of a steel housing with 4 mm metal sheets in standard lacquering RAL 7032. There is an outer main door and an inner door for the key assemblies. At the outer door, two cylinders are located (one for the fire department and one for the client), and at the inner one there is one cylinder, which can only be (un)locked by the installer.

In case of a fire, the main door is released by the fire department key and a door opener. The inner door, which can only be (un)locked by the installer, is held by robust hinges.

In case of a fire, the LED button located on the key assemblies signalizes an activated key. There is a buzzer signal when the BMZ is reset, however, one or several keys have not been returned yet. With the additional fire department lock inside the FSK, the fire department is able to remove all keys (extended release).

Functional description in case of a fire department operation

In case of a fire alarm, the BMZ sets potential-free contacts for the FSK-T. Depending on programming or alerting of the BMZ, one or several keys in the FSK-T are activated. Upon arrival of the fire department at the FSK-T, the fire department inserts its key into the fire department lock and turns it to the right up to the stop. In that, the door opener is released and the fire department can open the main door at the door handle. Now the key assemblies become visible. Illuminated LED buttons signalize one or several activated key assemblies. Now press and hold one LED button. Turn the key to the left up to the stop and remove it (release the button!). The extended release is enabled by the release lock on the inside, on the top left next to the key assemblies. Insert the fire department key, turn it to the right up to the stop, and hold it there. All keys not activated by the BMZ are now released. The fire department key must be held in the unlocked position in order to be able to remove a non-activated key with the LED button.

Return of the keys

BMZ active, box door open

Insert the key into the correct cylinder and turn it to the right. Should the just returned key still be activated by the BMZ, then the LED button remains illuminated.

BMZ active, box door closed

Insert the fire department key into the fire department lock and turn it to the right. Open the box at the bow-shaped handle. Insert the key into the correct cylinder and turn it to the right. Should the just returned key still be activated by the BMZ, then the LED button remains illuminated following the return.

BMZ reset, box door open

An acoustic signal can be heard (piezo buzzer). Insert the key into the correct cylinder and turn it to the right; the buzzer is turned off. Should the buzzer still be audible, then this is a sign that a further key is missing.

BMZ reset, box door closed

An acoustic signal can be heard. Insert the fire department key into the fire department lock and turn it to the right. Open the box at the bow-shaped handle. Insert the key into the correct cylinder and turn it to the right; the buzzer is turned off. Should the buzzer still be audible, then this is a sign that a further key is missing.

Once all keys have been returned, the buzzer was turned off and no LED is illuminated anymore, close the box door.

Attention

Following reset of the BMZ, keys cannot be removed anymore.
If required, a new fire alarm would have to be triggered.

If it should be necessary to open the FSK-T in a de-energized state, then this is only possible with the client key together with the fire department key.
Included in the scope of delivery are 3 client keys as well as a locking card.

Technical Data

Dimensions

	FSK-T20	FSK-T40
Width	450mm	650mm
Height	360mm	360mm
Depth	230mm	230mm
Weight	30kg	45kg

Voltage Supply 12 or 24V=

Fusing 2 A slow-blow-type, at the central fire alarm system (BMZ)

The feed line to the FSK-T must be max. 10 meters and must be a fire detection cable 2x2x0.8.

Connecting lines between central fire alarm system and key box

For operation-specific activation, per key assembly, at least 2 cores of a multi-conductor cable (e.g. BMLF-YAY... x 2 x 0.8) are required.

Both cables must be laid separate from one another, if possible, at least in their own sleeve tubes or in a low-current cable tray separated by a metal web.

For each key assembly, a control group must be provided by the activated central fire alarm system. Monitored control groups must be used. A possible malfunction of the connecting line(s) must be indicated at the central fire alarm system as a malfunction (sum malfunction indication and individual indication).

The operator must provide 1 built-in single-profile cylinder (HZ 32) for each key assembly + main key.

Functional guarantee

The manufacturer's instructions must be complied with in any case, since otherwise the function of the FSK-T cannot be guaranteed.