



Track-Control 3-Key-Segment 69 260

For three desired Switching Possibilities

Characteristics

- Segment for inserting into the TrackControl panel
- For switching solenoids and locomotive special functions
- For sending feedbacks
- Replaces a number Key segments

With this low-priced module all additional digital functions on the model railway can be controlled, e.g. lighting, boom gates, gates motors, the gantry crane's lifting magnet, a water crane and many others. The keys can also activate routes.

By having three keys in one segment you save space and have greater flexibility with the organization of the panel.

Description

The 3-key segment makes three function keys available in a single panel field. Each key can be assigned one of the following functions independent of the other keys:

- Switch a solenoid within address range 1 to 2000 "green" (LED on) or "red" (LED off). The LED above the key indicates the state of the solenoid.
- Switch a locomotive decoder special function within address range 1 to 9999 on and off. The LED above the key indicates the state of the special function. Special functions f0 to f28 can be used.

Note: *The module does not work with virtual locomotive addresses!*

- Send a LocoNet instruction for a destination key e.g. together with a signal element to directly activate a route in the route memory 69240.
- Send a LocoNet instruction for a feedback to activate a route in an IB-Switch 65800 or in the route memory 69240.
- The LED above a key is switched on and off by a solenoid address. This address can be part of a route.

Additionally the segment can control neighbouring passive illumination fields (cross connecting plate 69210 or connecting plate 69214).

Programming

A module programming can be accomplished either with the TC-Edit program or key programming.

Programming with TC-Edit

The 3-key segment is available in TC-Edit, the program for the TrackControl, starting from the version 1.2.0. This way all functions can be simply programmed.

The following functions can be programmed only with TC-Edit:

- Send a LocoNet instruction for a destination key
- Send a LocoNet instruction for a feedback
- Switch the LED above a key on and off with a solenoid address

Note: *When programming with TC-Edit it must be noted that to initialize the Segment, key 1 must be operated (see picture page 2).*

Simple key programming

Key programming can be accomplished without a computer.

The following functions are programmable:

- Switch a solenoid address green and red
- Switch a locomotive decoder special function on and off

Procedure:

- Press key 1 and hold it until all LEDs flash.
- Release the key.
- The LED above key 1 flashes.
- Now the function can be assigned to key 1, by changing the state of at the solenoid which is to be operated by this key from center, or by changing a locomotive special function which is to be controlled by this key 2 times at the center. If key 1 is operated again the programming of the key is not changed.
- The LED above key 2 flashes.
- Now the function can be assigned to key 2, by changing the state of at the solenoid which is to be operated by this key from the center, or by changing a locomotive special function which is to be controlled by this key 2 times at the center. If key 2 is operated again the programming of the key is not changed.
- The LED above key 3 flashes.
- Now the function can be assigned to key 3, by changing the state of the solenoid which is to be operated by this key from the center, or by changing a locomotive special function which is to be controlled by this key 2 times at the center. If key 3 is operated again the programming of the key is not changed.
- The programming mode is subsequently terminated automatically.



Guarantee declaration

Each component is tested for its complete functionality before distribution. If a fault should arise within the guarantee period of 2 years, we will repair the component free of charge upon production of proof of purchase. The warranty claim is void if the damage was caused by inappropriate treatment.

Trade marks mentioned are registered Trade marks of the respective companies.

 **Uhlenbrock Elektronik**

Our contact Details: Service

In the event of a defect or failure send the unit together with the invoice and a short description of the fault back to us for repair.

Hotline

We are available if you have any questions!

Your direct line to a technician: **0 20 45 - 85 83 27**

Mon - Tue - Thu - Fri, 14:00~16:00 and Wed 16:00~18:00



Uhlenbrock Elektronik GmbH
Mercatorstr. 6
D-46244 Bottrop
Made in Germany

*Electronic devices do not
belong in household rubbish*



Part No. 69 260