

## Instruction Manual 26404 (Pg 2 / 2)

Time switch (weekly program)

## 16. Permanent program

Program -> new program -> channel A/B/C/D -> permanent -> ...

The permanent by date program (holiday program) is a permanently on or off status of the channel for the programmed dates. The number of switching times is only limited by the total number of free memory locations. Adjust channel, switching function and the duration by date. The following options are additionally available for the permanent by date program:

Without special function: The program will be applied each year fixed to the entered dates.

■ With Easter function: The time switch takes into account the yearly shift for Easter holiday for following years and corrects the activation dates. (For programs relative to Easter, Pentecost Carnival, Ascension,...)

The Program will be applied only once. With 1xfunction:

# 17. External Input (within 70 mm time switches) Options -> Input -> ...

he external input can be connected to a switched contact such as a push-button or light switch. Therefore you can activate and de-activate functions from a remote location or automatically from a control system:

Connection external inputs:

Connect the voltage/frequency as stated on the product label!

External input 1: A switch or pushbutton can be connected to EXT 1: Terminal 6 (Voltage EXT 1 = Supply voltage of the time switch)

## 1 External input 2: A potential free switch or pushbutton can be connected to EXT 2: Terminals 13 u. 14 (potential free = 0V)

Functional options of the "external input": Within menu Options and submenu Input you have to define if a switch or a push-button-signal will be applied to the external input. Furthermore you can choose the channel(s) which react to the external signal:

■ Using the 🕮 -buttons select if you are connecting a pushbutton or a switch and confirm by pressing 🕅

■ Select the channel(s) which will be controlled by the external signal with the 🖃 buttons (channel...yes) and confirm by pressing 🖟 Channels which should not be controlled by the external signal remain deactivated, confirm channel...no then press 🕅 to confirm

🗓 Define a response function within menu Options and submenu Channel-keys . This function will be performed by the output channel when the external input is activated!

The pre-defined (default) setting is the standard 'Change function'
which changes the switching status from ONto OFF and vice versa

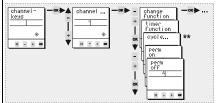
## Options -> channel-keys -> ...

Within the Options menu you will find submenu channel-keys . Here you have the opportunity to assign different response functions to the output channels.

These response functions will only be carried out when using the channel-keys [CiD] of the time switch (manual over-ride) or optionally when activating the channel with the external input. Thus, a programmed switching time will be executed as usual, independent of the settings within this channel-key-menu.

The correlation between the channel-keys and the channels is as follows:

channel A => channel key A (push-button "A" of the device) / channel B => channel key B ...



### Overview "channel-keys" functions:

If you have assigned a specific response function to a channel, this switching function will occur if you push the channel-button on the front plate of the time witch (or if the external input for this channel is activated and a signal is applied to the input). For each channel one out of the following functions can be

- Change function (default setting): By pressing the channel key (or optionally using the external input) the switching status changes from ONto OFF or OFF to ON This corresponds to a standard manual over-ride of the channel.
- By pressing the channel key (or optionally using the external input) the Timer starts and the corresponding channel switches ON Afte the expiry of the Timer-time the channel switches OFF. If the channel receives another signal before the expiry of time the time switch reacts as follows: After pressing the channel-button = Timer stops and the channel switches OFF.
- Signal on the external input = Timer restarts/ Staircase lighting timer -> Resettable.
- Cycle 1-4: By pressing the channel key (or optionally using the external input) the cycle function starts. Attention: This function is only available if the cycle is activated and defined in advance within menu Options and submenu Cycle
- Perm on: By pressing the channel key (or optionally using the external input) the channel switches permanently ON This status remains active until the
- Permoff: By pressing the channel key (or optionally using the external input) the channel switches permanently OFF. This status remains active until the channel key of the device is pressed again.
- 🖪 The Change function, Timer function and Cycle functions will be overridden by the regular switching program or by a manual over-ride!!!

