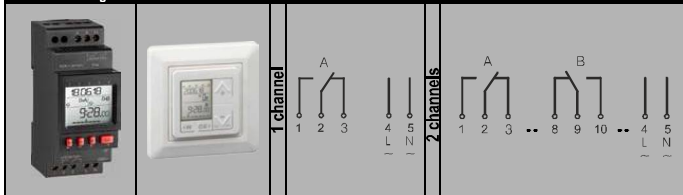


# Instruction Manual GB

## Time switch

### Connection diagram



### 1. Safety instructions

- ⚠ The installation and assembly of electrical equipment must be only carried out only by a skilled Person! Otherwise fire danger or danger of an electric shock exists!
- ⚠ Connect the supply voltage/frequency as stated on the product label!
- ⚠ Warranty void if housing opened by unauthorised person!
- ⚠ The electronic circuit is protected against a wide range of external influences. Incorrect operating may occur if external influences exceed certain limits!

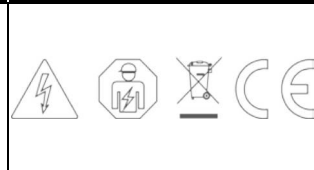
### 2. Initial operation

- The time switch is delivered in sleep-mode, the display is switched off.
- Press **OK** / **M** button to wake it up.
- The current date and time is already programmed and European daylight savings time is activated.
- Select the desired language by pressing **←**/**→** buttons and confirm it by pressing **OK**. (Remark: By pressing **M** you move one step backwards from the current position)
- If required, date, time and daylight savings time mode can be adjusted also by pressing **←**/**→** buttons and a subsequent confirmation with **OK**.

### 3. Technical data

Supply voltage See device  
 Contact material (115V / 230V) AgSnO<sub>2</sub>  
 Contact material (12V / 24V) AgNi  
 Type of protection IP 20 to DIN EN 60529  
 Permitted ambient temperature -30°...+55°  
 Mode of operation 1 BSTU  
 Degree of contamination 2  
 Rated surge voltage 4 kV  
 Standard DIN EN 60730-1/DIN EN 60730-2-7  
 CFL, LED Ideal for modern lamps

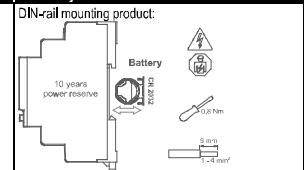
### 4. Service



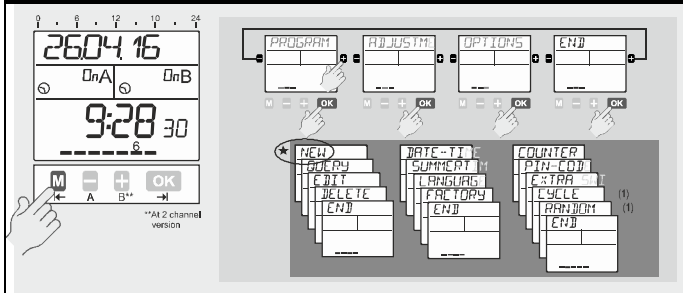
### 5. Intended use

The device fits for the particular use of the following tasks: Illumination of private and industrial areas, street and shop-window lighting, regulation of air conditioning, flushing, motors, pumps, plants and machinery as well as to simulate presence etc.  
 Operate the device in a dry room only! The installation must be in accordance with the instruction manual. The device is not qualified for security relevant tasks such as emergency doors, fire protection equipment

### 6. Battery



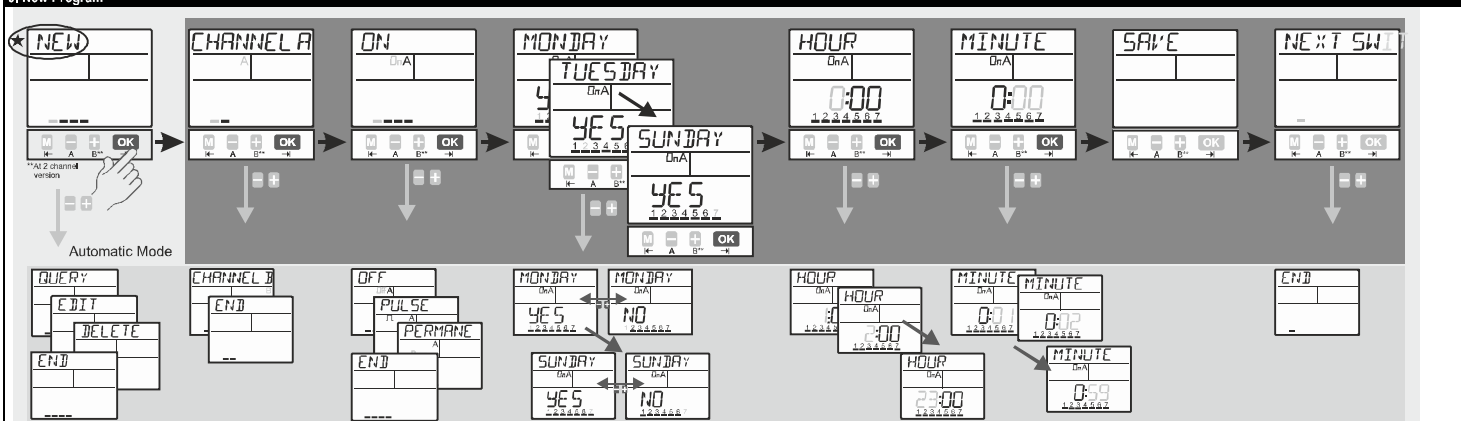
### 7. Menu overview



### 8. Symbol legend

	Channel is switched ON
	Channel is switched OFF
	For the current date the "holiday program" / "permanent by date" is activated
	Standard programming step
	Current state is based on a manual over-ride. The state will be cancelled with the next programming step.
	Current state is based on a manual over-ride. The state is permanent until terminated manual.
	Days of the week Monday, Tuesday, ... Sunday; The underscores indicate if the program is active for the days above.
	Current state is based on a switching time with pulse function
	The time switch is locked; to unlock the device the PIN has to be entered.

### 9. New Program



### 10. Key function

- M** / **K**: 1. To access the Enter-mode (program, adjustments, options) from the automatic-mode. 2. To revert to the beginning of the current (sub-) menu.
- ←** / **→**: 1. To adjust the flashing digit. 2. To scroll through a choice
- A** / **B**: 1. Automatic-mode: To switch the channel ON or OFF until the next programming step occurs. 2. Automatic-mode: A push longer than 3 sec. = Permanent switching status.
- OK** / **M**: 1. To activate the time switch when operated without power supply. 2. To confirm the selection or the entered data.

### 11. Permanent / Extra switching times

- Permanent On / Off  
 24.12. 26.12.  
 08:00 12:00  
 ☉ Perm DRFA
- Extra switching times optionally selectable  
 28.07.  
 08:00  
 ☉ A

### 12. Cycle / Random (1)

- Cycle optionally selectable  
 0:05:00 h:mm:ss on-time (0:00:01 ... 9:59:59)  
 0:10:00 h:mm:ss off-time (0:00:01 ... 9:59:59)  
 JLU DRFA
- Random optionally selectable  
 no yes  
 08:00 +0...30min 08:17  
 ☉ DRFA → ☉ DRFA

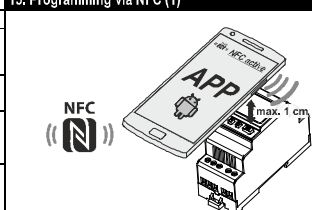
### 13. Additional adjustments

Menu	Main menu	Application
Program query	Program	To query the programming steps and remaining memory locations
Program delete	Program	Deletion of switching time(s). The program for all channels, single channels and single programming steps within on channel can be deleted.
Date-Time	Adjustment	Adjustment of date and time
Summertime	Adjustment	Adjustment of the daylight saving time mode (ON/OFF)
Language	Adjustment	Choice of languages
Factory Defaults	Adjustment	Reset to the state of delivery.
Counter	Options	Displays the hour counter and pulse counter for each channel and the time switch itself.
PIN-Code	Options	The time switch can be locked with a 4-digit PIN-Code. The code can be adjusted, activated and deactivated. If you have forgotten the Code please call customer service.
Extra switching time: Program → new program → channel A/B → Extra switching time →		

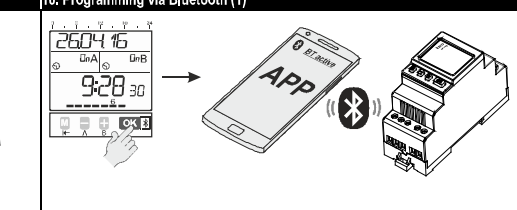
### 14. Pulse

- Program → New program → Channel A/B →
- The pulse function provides you the opportunity of programming a switching time with a defined duration. As soon as the pulse-duration has expired the time switch switches OFF automatically (the duration of the pulse is up to 59:59 mm:ss). The programming is carried out like a standard switching time (see point 8 / 9) with following differences
- Choose **Pulse** function (9F).
- Define the duration of the pulse (pulstime minute / pulstime second).
- Program the days of the week
- Program the switching time (time hour / time minute)
- Validation: Confirm the blinking summary of the pulse program

### 15. Programming via NFC (1)



### 16. Programming via Bluetooth (1)



These programming steps are single switching times by date.

(1) Option