

Staircase Time Switch  
TLZ61NP-8..230V UC

1 NO contact not potential free 10A/250V AC. Incandescent lamps up to 2000W. Switch-off early warning and push-button permanent light switchable. Standby loss 0.5 watt only.

**Zero passage switching.**

230V control voltage and additionally 8 to 230V UC electrically isolated universal control voltage. 230V supply voltage and switching voltage.

Variable time range 1 to 12 minutes.

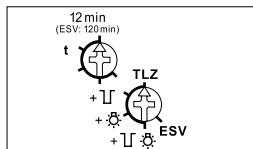
**By using a bistable relay causing coil power loss and heating is avoided even in the on mode.** The switched consumer may not be connected to the mains before the automatic synchronisation after installation has terminated.

Push-buttons with a glow lamp current up to 50mA can be connected to the control input  $\ominus$ .

Resettable for 3-wire and 4-wire circuits.

Automatic detection of the method of connection.

After a power failure the lighting is switched on again in case the set time has not elapsed yet.

**Function rotary switches**

- $\Gamma$  = Switch-off early warning function
- $\odot$  = Permanent light by push-button
- $\Gamma \odot$  = Switch-off early warning function and permanent light by push-button

**If switch-off early warning function  $\Gamma$**  is switched on, the light starts flickering approx. 30 seconds before time-out and is repeated three times at decreasing time intervals.

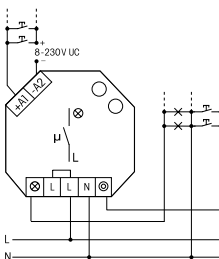
**If push-button permanent light  $\odot$**  is set permanent light can be switched on by pressing longer than 1 second. This switches off automatically after 60 minutes or by an operation longer than 2 seconds.

If both switch-off early warning function and push-button permanent light  $\Gamma \odot$  are switched on, the switch-off early warning function is activated before the permanent light switches off.

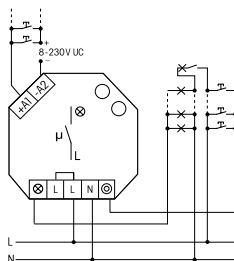
If the function TLZ is selected the **time** can be **extended** within the first second after switching on or resetting by pressing the push-button repeatedly up to five times (incrementing). Each operation increments the set time once.

The function **ESV**, impulse switch with release delay up to 120 minutes, can be selected optionally. If this function is set it is automatically disconnected after the set delay is timed out if a manual OFF command has not been given.

If the timing period is set to minimum in the function **ESV**, the release delay is switched off. The standard impulse switch function **ES** is then set.

**Typical connections**

3-wire circuit, resettable



4-wire circuit with attic lighting, resettable

**Technical Data**

Incandescent lamp load and halogen lamp load 230V <sup>1)</sup>	2000 W
Fluorescent lamp load with KVG in lead-lag circuit or non compensated	1000 VA
Fluorescent lamps with KVG shunt-compensated or with EVG	500 VA
Compact fluorescent lamp with EVG and energy saving lamps	15x7 W, 10x20 W
$\ominus$	Control push-button 230V with glow lamp current up to 50 mA
$\otimes$	Lamp connection
A1 - A2	Universal control voltage 8..230V UC
Standby loss (activ power)	0,5 W

<sup>1)</sup> For lamps with 200 W max

**Warning!**

**Only a trained electrician may install this equipment, otherwise there is a risk of fire or electric shock.**