

Staircase Time Switch TLZ61NP-230V



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.

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.

230V control voltage, supply voltage and switching voltage.

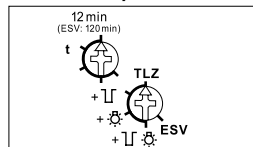
Variable time range 1 to 12 minutes.

Glow lamp current up to 50mA.

3-wire and 4-wire circuits, resettable, with attic lighting if 4-wire circuit. 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



$\sqcap$ = Switch-off early warning function

$\odot$ = Permanent light by push-button

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

If switch-off early warning function $\sqcap$ 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.

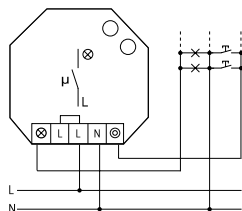
If both switch-off early warning function and push-button permanent light $\sqcap \odot$ are switched on, the switch-off early warning function is activated before the permanent light switches off.

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.

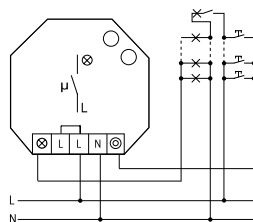
The function **ESV**, impulse switch with release delay up to 120 minutes, can be selected optionally. If this function is set it is automatically disconnected after the set delay is timed out if a manual OFF command has not been given.

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 ¹⁾	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	15 x 7 W, 10 x 20 W
$\odot$	Control push-button 230V with glow lamp current up to 50mA
$\otimes$	Lamp connection
Standby loss (active power)	0.5 W

¹⁾ 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.