

# Staircase time switch CE

## TLZ12-8E-230V+8..230V UC

1 NO contact not potential free 16 A/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** to protect contacts and lamps.

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

Glow lamp current up to 50 mA at the 230V control input. Precise variable time range up to 20 minutes, settable by minute scale. Own permanent light switch  with the big rotary switch.

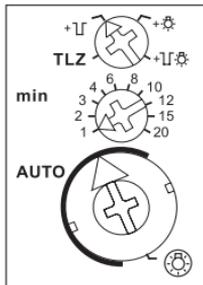
**By using a bistable relay causing coil power loss and heating is avoided even in the on mode.**

The switched consumer may not be connected to the mains before the automatic synchronisation after installation has terminated.

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



**AUTO** The set function is active

 Permanent light switched on

 = Switch-off early warning function

 = Push-button permanent light

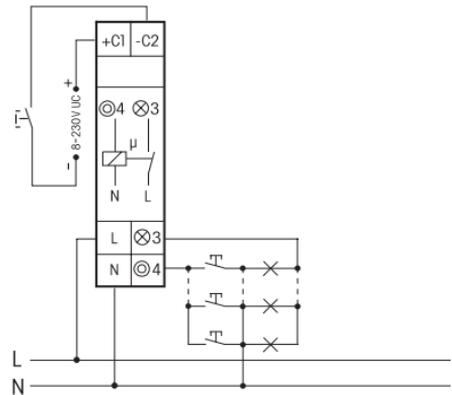
 = Switch-off early warning function and push-button permanent light

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

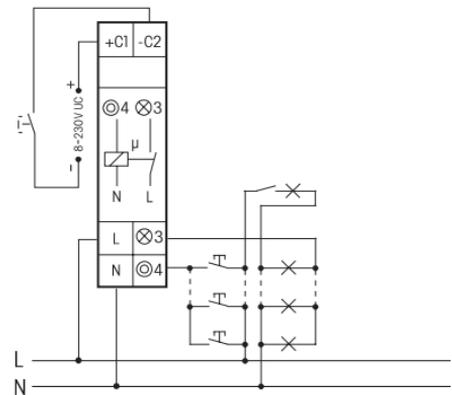
**If push-button permanent light**  is switched on permanent light can be switched on by pressing push-button longer than 1 second. This is switched off automatically after 60 minutes or by pressing push-button longer than 2 seconds.

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

### Typical connections



3-wire circuit, resettable



4-wire circuit with attic lighting, resettable

 Control push-button 230V with glow lamp current up to 50 mA

 Lamp connection

C1-C2 universal control voltage 8 to 230V UC

Standby loss (activ power) 0,5 W

 The strain relief clamps of the terminals must be closed, that means the screws must be tightened for testing the function of the device. The terminals are open ex works.

### Warning!

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