

Staircase Time Switches TLZ12NP and TLZ12M.1 with multifunction

- Rated switching capacity 16A/250V AC
- Control voltage 230V, TLZ12M.1 additionally for all control voltages from 8 up to 230V AC and DC.



TLZ12NP-230V and TLZ12NP-230V+8..230V UC as well as TLZ12M.1-230V+8..230V UC:

- Incandescent lamp load max. 3000 Watt.
- Switch-off early warning function and permanent light by pushbutton can be switched on.
- Infinitely variable time range up to 12 minutes.
- Glow lamp current 150mA, independent of ignition voltage.
- With permanent light-switch and motion detector control input, which converts the input signal into a control impulse (for TLZ12M.1 only if the function 'TLZ' is set).
- For 4 wire circuits, re-settable. Automatic detection of the method of connection.
- Zerocrossing contact switching to protect contact and lamps.
- If switch-off early warning function is switched on the light starts flickering approx. 30 sec. before time-out and is repeated three times at decreasing time intervals.
- If permanent light by pushbutton is switched on, permanent light can be switched on by pressing longer than 1 sec. This will be switched off automatically after 60min or by pressing longer than 2 sec.
- Within the first second of switch-on or re-setting the time can be extended by up to five times repeated short operating (incrementing). Each momentary-contact control increments the set time once.

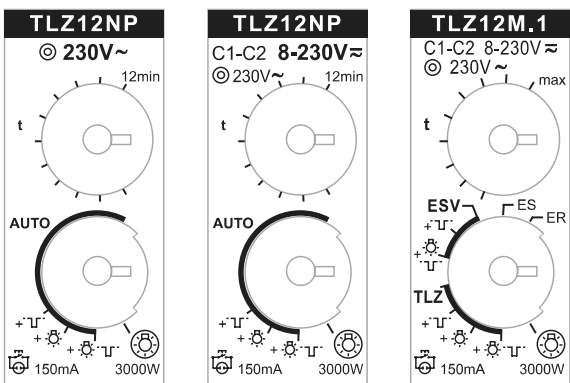
TLZ12NP-230V:

- With double connections for pushbutton and lamp in order to connect either above or below or only below.

TLZ12M.1-230V+8..230V UC:

- With multifunction: the function that can be selected is either 'release delay impulse switch up to 60 minutes' (ESV), 'impulse switch' (ES) or 'relay' (ER). If 'ESV' is set this device automatically disconnects after the set delay is timed out if a manual OFF command has not been given. In this function, permanent light will be switched off automatically after 2 hours and can be reset during switch-off early warning period.

Front and terminal description of the devices:



symbols/settings	function
t	time range up to 12 min for TLZ and up to 60min for ESV
ER	relay
ES	impulse switch
ESV	release delay impulse switch
ESV +	release delay impulse switch plus switch-off early warning function
ESV +	release delay impulse switch plus permanent light by pushbutton and switch-off early warning function
TLZ resp. AUTO	staircase time switch
TLZ resp. AUTO +	staircase time switch plus switch-off early warning function
TLZ resp. AUTO +	staircase time switch plus permanent light by pushbutton
TLZ resp. AUTO +	staircase time switch plus permanent light by pushbutton and switch-off early warning function
	permanent light
	control push button 230V
150mA	glow lamps in parallel at the control switches max. 150mA
	lamp connection
C1-C2	universal control input 8..230V UC

Warning !
Installation and mounting of these electrical devices only by a professional.