Eltako ELECTRONICS

Contacts	**TLZ12NP/TLZ12M/ TLZ12-9E/NLZ12NP**	**TLZ12-8E** [b)]	**TLZ61/TLZ61NP** [b)] **NLZ61/NLZ61NP** [b)]
Contact material / contact gap	$AgSnO_2$ / 0,5 mm	$AgSnO_2$ / 0,5 mm	$AgSnO_2$ / 0,5 mm
Spacing of control connections / contact Spacing of control connections C1-C2 or A1-A2 / contact	3 mm 6 mm	3 mm 6 mm	3 mm 6 mm
Test voltage control connection / contact Test voltage C1-C2 or A1-A2 / contact	2000 V 4000 V	2000 V 4000 V	2000 V 4000 V
Rated switching capacity	16 A/250 V AC	16 A/250 V AC	10 A/250 V AC
Incandescent lamp and halogen lamp load 230 V [1)]	3600 W	2000 W	2000 W
Fluorescent lamp load with KVG in lead-lag circuit or non compensated	3600 VA	1000 VA	1000 VA
Fluorescent lamp load with KVG shunt-compensated or with EVG	1000 VA	500 VA	500 VA
Compact fluorescent lamp with EVG and energy saving lamps	30 x 7 W 20 x 20 W	15 x 7 W 10 x 20 W	I on ≤ 70 A/10 ms [2)] NP devices: 15 x 7 W, 10 x 20 W
Life at rated load, cos φ = 1 or for incandescent lamps 1000 W at 100/h	> 10^5	> 10^5	> 10^5
Life at rated load, cos φ = 0.6 at 100/h	> 4 x 10^4	> 4 x 10^4	> 4 x 10^4
Max. operating cycles	10^3/h	10^3/h	10^3/h
Terminal cross-section	12 mm^2	12 mm^2	Clamping screw M3
Maximum conductor cross-section	6 mm^2	6 mm^2	2.5 mm^2
Screw head	slotted / Phillips, pozidriv	slotted / Phillips, pozidriv	slotted
Shock-hazard protection (on the device)	VDE 0106 part 100	VDE 0106 part 100	–
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Time on (also central ON / OFF)	100 %	100 %	100 %
Max./min. temperature at mounting location	+50°C/-20°C	+50°C/-20°C	+50°C/-20°C
Standby loss (activ power)	0.5 W	0.5 W	0.4 W; NP: 0.5 W
Control current local at 230 V (<10 s) ± 20%	15 mA, NLZ12NP: 2 mA	5 (100) mA	TLZ61: 5 (100) mA, TLZ61NP: 10mA, NLZ61: 0,1 mA, NLZ61NP: –
Control current universal control voltage 8/12/24/230 V (<10 s) ± 20%	2/4/9/5 (100) mA	2/4/9/5 (100) mA	2/4/9/5 (100) mA
Max. parallel capacitance (approx. length) of individual control lead at 230 V AC	0.06 µF (200 m) C1/C2: 0.9 µF (3000 m)	0.06 µF (200 m) C1/C2: 0.9 µF (3000 m)	0.9 µF (3000 m) NP: 0.06 µF (200 m) A1-A2: 0.3 µF (1000 m)

[b)] Bistable relay as relay contact. The switched consumer may not be connected to the mains before the automatic synchronisation after installation has terminated. [1)] Applies for lamps with max. 200 W. [2)] A 40-fold inrush current must be expected for electronic ballast devices. For steady loads of 1200 W or 600 W use the current-limiting relay SBR12 or SBR61. Product group G, page G3.

Compliance with: EN 61000-6-3, EN 61000-6-1 and EN 60 669. With switch-off early warning function according to DIN18015-2.