

Contacts	TLZ12D TLZ12-8E NLZ12NP	TLZ12-230V TLZ12-9E	TLZ61NP ^{b)} NLZ61NP-230V NLZ61NP-UC
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 -	3 mm 6 mm
Test voltage control connection / contact Test voltage C1-C2 or A1-A2/contact	2000 V 4000 V	2000 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 ¹⁾ 230 V	2300 W	2300 W; TLZ12-230V: 2000 W	2000 W
Fluorescent lamp load with KVG* in lead-lag circuit or non compensated	1000 VA	1000 VA; TLZ12-230V: 500 VA	1000 VA
Fluorescent lamp load with KVG* shunt-compensated or with EVG*	500 VA	500 VA	500 VA
Compact fluorescent lamps with EVG* and energy saving lamps ESL	15 x 7 W 10 x 20 W	7 x 7 W 5 x 20 W	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
Maximum conductor cross-section (3-fold terminal)	6 mm ² (4 mm ²)	6 mm ² (4 mm ²)	4 mm ²
Two conductors of same cross-section (3-fold terminal)	2.5 mm ² (1.5 mm ²)	2.5 mm ² (1.5 mm ²)	1.5 mm ²
Screw head	slotted / crosshead, pozidriv	slotted / crosshead, pozidriv	slotted / crosshead
Type of enclosure/terminals	IP50 / IP20	IP50 / IP20	IP30 / IP20
Electronics			
Time on	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; TLZ12-230V: 0.7 W	0.7 W
Control current local at 230 V (<10 s) ± 20%	5 (100) mA, NLZ12NP: 2 mA	5 (100) mA	5 (100) mA; NLZ61NP-230V: 1 mA
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
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)	0,06 μF (200 m) A1-A2: 0.3 μF (1000 m)

* EVG = electronic ballast units; KVG = conventional ballast units

^{b)} Bistable relay as relay contact. The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated.

¹⁾ Applies for lamps with max. 150 W.