

TWILIGHT SWITCH

TL LINE Installation manual

TL1, TL1 Pole, TLS
Installation Manual

Document ID: 9AKK107991A3020

Revision: A 2020-10-13

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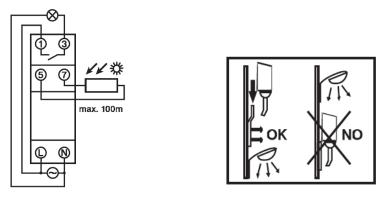
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The device must always be protected on the incoming side by fuse or circuit breaker with a max nominal current of 16A

1. Mounting Instruction TL1 + TLs (peripherical device)



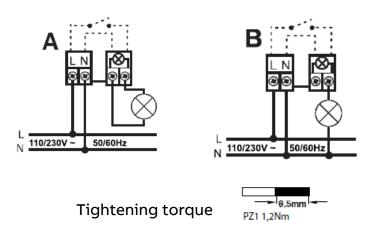
Tightening torque PZ11,2Nm



Important notice

After installation the cable coming out from the device must be fixed reliably.

2. Mounting Instruction TL1 Pole



3. Technical data

			TL1	TL1 Pole	
Rated supply voltage		V	110 ÷ 230 AC		
Contact type			1NO polarized		
Incandescent lamps	110 V	W	1000		
	230V	W	1000		
LED/CFL – externally ballasted	110 V	W	300		
	230V	W	300		
LEDi/CFLi – self ballasted	110 V	W	30		
	230V	W	100		
Rated frequency		Нх	50/60		
Switching delay ON		s	23+-10%	25+-10%	
Switching delay OFF		S	23+-10%	35+-10%	
Brightness range (with tolerance of +-20%)		lx	2200		
Protection degree twilight switch			IP20	IP54	
Protection degree sensor			IP54		
Operating temperature twilight switch		°C	-25+55°	-40+70	
Operating temperature sensor		°C	-40+70		
Storage temperature twilight switch		°C	-40+70	-50+80	
Storage temperature sensor		°C	-50+80		
Power consumption		W	0.4 W cosphi 0.4 (idle) 0.9 W cosphi 0.42 (active)	0.25 W cosphi 0.35 (idle) 0.8 W cosphi 0.4 (active)	

			TL1	TL1 Pole	
Max terminal cross section		mm2		6	
Terminals			loss-proof screw		
Screw Type				PZ1	
Tightening torque: terminals		Nm		1.2	
Tightening torque: screw sensor		Nm		1.2	
Mounting			on DIN Rail	Pole/wall mounted	
Switching status indication /brightness range		red/green LEDs		reen LEDs	
Max wiring length		m		100	
Max wiring width	1000w	mm2		2,5	
	all other	mm2		1,5	
	sensor	mm2		0,75	
Modules		n°	1		
Reference standards			EN 60669-1 EN 60662-2-1 EN60730-1		