

TWILIGHT SWITCHES

paladin 923 50x



Overview

- Analogue twilight switch
- DIN-rail mounting 17,5 mm
- The control unit for DIN-rail mounting allows easy adjustment
- The sensor unit for wall-mounting (923 500) or mounting within enclosure (923 501) is included in delivery
- Two adjustment ranges 1-100 / 50-1000 Lux
- Time delay approx. 8 sec when switching ON and approx. 40 sec when switching OFF
- Switching OFF value is approx. 1.4 times the value of switching ON
- While setting the Lux-value the diode lights up if Lux-value corresponds to the current light intensity.
- Zero-cross switching for relay-saving switching

Order numbers

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923 500	1 channel, sensor for wall mounting
923 501	1 channel, sensor for mounting within enclosure

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Order information

	Voltage	EAN	Art. No.
923 500	230 V 50 Hz	4022709229779	22977
923 501	230 V 50 Hz	4022709229786	22978

Technical data

Supply voltages	230 V, 50 Hz
Power consumption (real power)	0,5 W
Channel	Normally open
Switching capacity	
resistive load:	16 A / 250 V~ at $\cos\phi=1$
inductive load:	4 A at $\cos\phi=0,6$
Zero-cross switching	Yes / for relay-saving switching
Contact material	AgSnO2
Filament Lamp Halogen Lamp	3.000 W
Fluorescent Lamp uncompensated	3.600 W
Fluorescent Lamp parallel compensated (130 μ F)	1.300 W
	18 x 7 W
	12 x 11 W
Compact Fluorescent Lamp	10 x 15 W
	10 x 20 W
	10 x 23 W max.
Switching-On value	1–100 / 50–1.000 Lux
Time delay	approx. 8 sec. at ON, approx. 40 sec. at OFF
Switch-off	approx. 1.3 times the value of switching ON
Mounting	35 mm DIN-rail
Permitted ambient temperature	Sensor unit –35...+50 °C Control unit –10...+40 °C
Type of protection	IP 54 for sensor 923500 IP 54 for sensor 923501 IP 20 for control unit
Sensor wiring, cross section	min. 0,5 mm ²

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