

- 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 / 50–1,000 Lux
- Time delay approx. 8 sec. when switching ON and approx. 40 sec. when switching OFF
- Switching OFF value is approx. 1.3 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

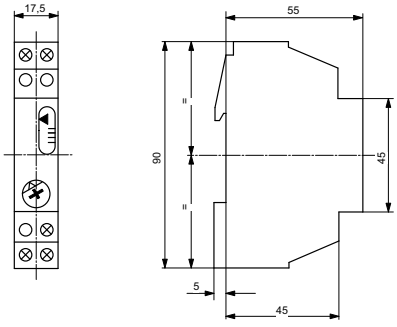
Illuminate — switching controlling counting

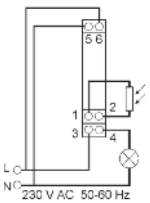
Twilight switch 923 500 / 923 501

for DIN-rail mounting



Sensor within type 923 501
Mounting aperture: ∅ 16 mm





Technical data

Supply voltages	230 V, 50 Hz
Power consumption (real power)	0.5 W
Channel	Normally open
Switching capacity	16 A / 250 V~ at cosφ=1 4 A with inductive load cosφ=0.6
Zero-cross switching	Yes / for relay-saving switching
Contact material	$AgSnO_2$
Incandescent Lamp	3,000 W
Halogen Lamp	3,000 W
Fluorescent Lamp uncompensated	3,600 W
Fluorescent Lamp parallel compensated (130 µF)	1,300 W
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
Permitted ambient temperature	Sensor unit –35°…+50°C Control unit –10°…+40°C
Type of protection	IP 54 for sensor 923500, IP 65 for sensor 923501, control unit IP 20
Sensor wiring, cross section	min. 0.5 mm²

Order number	Switching contacts	Version
paladin **923 500**	1	sensor for wall mounting
paladin **923 501**	1	sensor for mounting within enclosure

Housing colour

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