



- 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

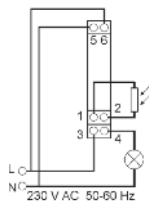
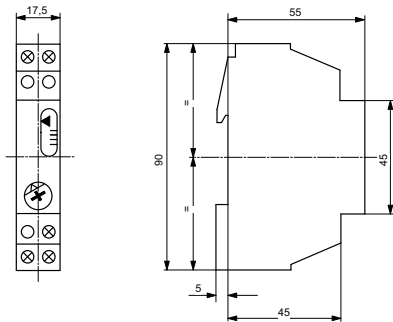
**Illuminate**

switching controlling counting

## Twilight switch 923 500 / 923 501 for DIN-rail mounting



**Sensor within type 923 501**  
Mounting aperture:  $\varnothing$  16 mm



### Technical data

<b>Supply voltages</b>	230 V, 50 Hz
<b>Power consumption</b> (real power)	0.5 W
<b>Channel</b>	Normally open
<b>Switching capacity</b>	16 A / 250 V~ at $\cos\varphi=1$ 4 A with inductive load $\cos\varphi=0.6$
<b>Zero-cross switching</b>	Yes / for relay-saving switching
<b>Contact material</b>	AgSnO <sub>2</sub>
<b>Incandescent Lamp</b>	3,000 W
<b>Halogen Lamp</b>	3,000 W
<b>Fluorescent Lamp uncompensated</b>	3,600 W
<b>Fluorescent Lamp parallel compensated (130 <math>\mu</math>F)</b>	1,300 W
<b>Switching-On value</b>	1–100 / 50–1,000 Lux
<b>Time delay</b>	approx. 8 sec. at ON, approx. 40 sec. at OFF
<b>Switch-off</b>	approx. 1.3 times the value of switching ON
<b>Permitted ambient temperature</b>	Sensor unit –35°...+50°C Control unit –10°...+40°C
<b>Type of protection</b>	IP 54 for sensor 923500, IP 65 for sensor 923501, control unit IP 20
<b>Sensor wiring, cross section</b>	min. 0.5 mm <sup>2</sup>

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

▼ Housing colour