

Time and light control

Twilight switches, DIN rail, Analogue

Description



- The turnus twilight switches offer maximum functionality and allow the individual control of the desired situation in residential, office, commercial and industrial buildings and on the entire outside area and also provide noticeably more energy efficiency. They precisely control according to light intensity through an external brightness sensor. The turnus is ideally suited for the use in shop windows, for illuminated billboards or street lighting.

Product selection

Setting range brightness	Switch-on/-off delay	Operating voltage	Sensor (included)	Type of protection	Type	Article number
2–2000 lx	20 s/80 s	230 V AC	Surface-mounted light sensor, ball throw tested	IP 20, Sensor IP 66 (front), ball throw tested IP 40 (back)	turnus 501 E	18.18.0014.1
			Wall-mounted light sensor	IP 20, Sensor IP 55	turnus 501 A	18.18.0013.1

Technical data

	turnus 501
Operating voltage	230 V AC
Frequency	50–60 Hz
Stand-by consumption	0,3 W
Setting range brightness	2–2000 lx
Switch-on delay	20 s
Switch-off delay	80 s
Contact	NO contact
Switching output	Potential-free
Width	1 module
Switching capacity	16 A (at 250 V AC, cos phi = 1), 10 AX (Fluorescent lamp load)
Incandescent/halogen lamp load	2600 W
LED lamps < 2 W (typ.)	30 W
LED lamps > 2 W (typ.)	350 W
Ambient temperature	-30 °C ... +55 °C
Protection class	II, Sensor III
Max. cable length to sensor	50 m

Connection examples

