

Lighting control

Twilight switches, analogue, DIN-rail



turnus 501 E



turnus 501 A

Description

The 1-channel turnus 501 twilight switch offers ultimate functionality and allows for individual control concepts in residential, office, commercial and industrial buildings as well as any outdoor setting, delivering a noticeable improvement to energy efficiency at the same time. Thanks to its

external brightness sensor, it can deliver accurate control based on the light intensity. The turnus model is ideally suited for use in display windows, billboard lighting or street lighting.

Product selection

Brightness setting range	On/off switching delay	Operating voltage	Sensor (included)	Protection rating	Type	Item no.
2–2000 lx	20 s/80 s	230 V AC	Flush fitting light sensor, ball throw tested	IP 20, sensor IP 66 (front), IP 40 (back)	turnus 501 E	18.18.0014.1
			Surface-mounted light sensor	IP 20, sensor IP 55	turnus 501 A	18.18.0013.1

Lighting control

Twilight switches, analogue, DIN-rail

Technical data

	turnus 501
Operating voltage	230 V AC
Frequency	50–60 Hz
Standby output	0.3 W
Brightness setting range	2–2000 lx
Switch-on delay	20 s
Switch-off delay	80 s
Type of contact	NO contact
Switch output	Floating
Width	1 module
Switching capacity	16 A (at 250 V AC, $\cos \phi = 1$), 10 A (fluorescent lamp load)
Incandescent/halogen lamp load	2600 W
LED lamp < 2 W (typ.)	30 W
LED lamp > 2 W (typ.)	350 W
Ambient temperature	–30 °C ... +55 °C
Protection class	II, sensor III
Max. line length to sensor	50 m

Connection example

