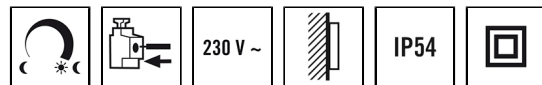


CDS-A/N

Item number ED10016530
GTIN 4015120016530



Product description

- Surface-mounted twilight switch for automatic lighting control
- Floating relay contact
- The light value can be set on the outside of the housing
- LED setting aid (instantaneous)

Technical data

GENERAL

Device category	Twilight switch
Product information	Please note the Explanation of circuit breaker in the download area of the product!
User interface	Adjusting controller
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	3 years

ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Connectable wire cross section	0.75 – 2.5 mm ²

HOUSING

Dimensions	Length 96 mm x Width 76 mm x Height/Depth 52 mm
Weight	153 g
Material	UV-stabilised polycarbonate
Protection type	IP54
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 – 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	230 V ~ / 50 Hz
Power consumption	1 W

SENSORS

Level of brightness	5 – 300 lx
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CHANNELS (LIGHTING / HVAC)

Number of light channels	1
Number of HVAC-channels	0
Switching delay from "dark to light"	60 Sek.
Switching delay from "light to dark"	60 Sek.
Channel	C1 Lighting
Function	Switching
Switching capacity	230 V/50 Hz 2300 W/10 A (cos phi = 1) 690 VA/3 A (cos phi = 0,5) 12/24 V =/5 A, floating relay contact 350 W LED
Switch contact	make contact / floating
Switch-on delay	60 s

Factory settings

DATA SHEET

CDS-A/N

Item number	GTIN
ED10016530	4015120016530

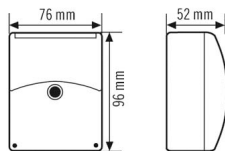
GENERAL

Sensitivity	100 %
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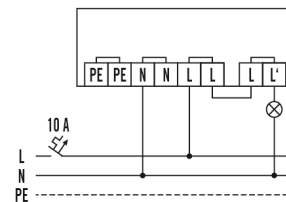
CHANNELS (LIGHTING / HVAC)

Channel	C1
Operating mode	Twilight switch
Level of brightness/switching threshold	30 lx

Dimension drawing



Circuit diagram



Standard operation.

Detailed product description

- Surface-mounted twilight switch for automatic lighting control
- Floating relay contact
- The light value can be set on the outside of the housing
- LED setting aid (instantaneous)
- Precise settings through new light sensor
- Switch-on and switch-off delay
- Double line entrance from below or through the housing's rear panel
- Plug-in terminals (up to 2.5 mm²) for quick and easy installation
- Large wiring space
- Suitable for wall and inner corner installation
- Old and new compatible through changeable module
- Housing made of shock-resistant, UV-stabilised polycarbonate
- Captive stainless steel screws