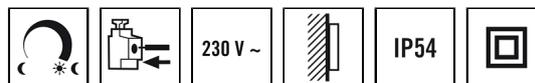


## CDS-A/N

**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

#### 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	<b>C1</b> 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

#### GENERAL

Sensitivity	100 %
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#### CHANNELS (LIGHTING / HVAC)

Channel	<b>C1</b>
Operating mode	Twilight switch

## CDS-A/N

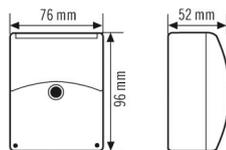
Item number	GTIN
ED10016530	4015120016530

Level of brightness/switching threshold 30 lx

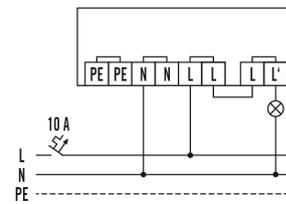
### Accessories

Product designation	Item number	Product description	GTIN
<b>Electrical accessories</b>			
ILR-230V current-limiting module	EP10426353	Current-limiting module for protecting the relay contact of a presence and motion detector	4015120426353

### 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 mm<sup>2</sup>) 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