



ARGUS Presence detector Dual-Tech with PIR and Ultrasonic detection - 1 channel



Version

Art. no.

CCT551011

Presence detector for ceiling mounting.

Integrating PIR and ultrasonic technology, this device is a sophisticated motion detector, offering a highly effective solution for a wide variety of applications. These sensors detect occupancy by monitoring frequency shifts caused by minor movements such as typing or reading, but with the added benefit of preventing false triggering.

Ideal for use in public conveniences, underground car parks, libraries, open plan offices and classrooms.

Functions:

- Detection mode options: PIR + US, PIR only, US only, PIR or US
- External triggering via push-button
- Remote setting and switching
- Brightness-dependent staircase lighting function
- Suitable for flush or surface mounting

Mains voltage: AC 220–240 V, 50/60 Hz

Max. switching current: 10 A, AC 220–240 V, $\cos\phi = 0.6$

Output: 1x 230 V

Nominal power:

- LED lamps: 100 W
- Incandescent lamps AC 230 V: 2000 W
- Halogen lamps AC 230 V: 1000 W
- Halogen with electronic transformer: 1000 VA
- Halogen with iron core transformer: 1000 VA
- Fluorescent tubes: 900 VA, 100 μ F
- Compact fluorescent lamps: 100 W

Upstream fuse: 10 A

Power consumption: ?

Angle of detection: 360°

Range: Area of max. 10x16 m (at 2.5 mounting height)

Light sensor (sensitivity): 10–1000 Lux

Time setting: from approx. 5 s to approx. 30 min

Switching mode: Automatic

Connection: 3-wire, neutral conductor **required**

Operating temperature: at room temperature

IP protection rating: IP20

EC guidelines: Low voltage directive 2006/95EC and EMC directive 2004/108/EC.

Colour: white

Dimensions (LxWxH):

112x112x44 mm (flush mounted)

112x112x72 mm (surface mounted)



Main

Range	ARGUS
Product or component type	Presence detector with IR receiver
Function available	Switching, toggling, dimming
Number of channels	2
Colour tint	White

Complementary

Control type	Movement sensor
Mounting height	2.5 m
Output current	10 A
Network frequency	50/60 Hz
Light intensity adjustment	10...1000 lux
Horizontal detection angle	360 °
Input function	Switch External trigger
Output voltage	220...250 V
Load type	LED lighting : : 100 W Halogen lamp : : 1000 W - 230 V Halogen lamp with standard ferromagnetic transformer : 1000 VA Halogen lamp with standard electronic transformer : 1000 VA Incandescent lamps : : 2000 W - 230 V Fluorescent tube : 900 VA, 100 µF

Environment

IP degree of protection	IP20
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Main

Range of product	ARGUS
Product or component type	Occupancy sensor
Load type	Fluorescent lamp: <= 900 VA/100 µF Low voltage halogen lamp: <= 1000 VA Incandescent lamp: <= 2000 W Energy saving lamp: <= 80 VA Halogen lamp: <= 1000 W

Complementary

Device mounting	Flush Surface
Mounting support	Ceiling
Detection angle	360°
Presence detection area	PIR: 360°, 7 x 7 m
Rated voltage	230 V +/- 10 % AC 50/60 Hz
Mounting height	2...3 m
Diameter	111 mm
Depth	66 mm

Environment

Ambient air temperature for operation	-20...45 °C (outdoor) 0...45 °C (indoor)
Standards	EN 60669-1 EN 60669-2-1
Electrical shock protection class	Class II
IP degree of protection	IP44 surface mounting IP40 flush mounting

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Main

Range of product	ARGUS standard movement detector
Range	ARGUS
Product or component type	Movement detector
Load type	Incandescent lamp : 1000 W - 230 V AC Halogen lamp : 1000 W - 230 V AC Low voltage halogen lamp with wire-wound transformer : 500 VA Low voltage halogen lamp with electronic transformer : 315 VA Fluorescent tube : 250 VA - 230 V AC Compact fluorescent lamp : 4 x 23 W - 230 V AC Capacitive : : 6 A, 28 µF - 230 V AC Capacitive : : 10 A, 21 µF - 230 V AC
Colour tint	White
Type of packing	Carton
Market segment	Residential Small commercial

Complementary

[Ue] rated operational voltage	220...240 V
Network frequency	50 Hz
[Ue] rated operational voltage	220...240 V
Output current	10 A
Type of setting	Light sensitivity adjustable Time adjustment
Time delay	3 s...10 min
Light intensity adjustment	5...2000 lux
Horizontal detection angle	0...360 °
Detection face	Radius 3.9 m
Material	ABS + PC with matt surface
Device mounting	Ceiling
Mounting height	2.4 m

Environment

Condition of use	Indoor use only
IP degree of protection	IP20
Environmental health and issues	Halogen free

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1342 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months
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Main

Range of product	ARGUS standard movement detector
Range	ARGUS
Product or component type	Presence detector
Load type	LED lighting: : 100 W Incandescent lamps: : 2000 W - 230 V Halogen lamp: : 1000 W - 230 V Fluorescent tube: 900 VA Compact fluorescent lamp: : 100 W Motor: : 100 W Relay: : 5 A - 250 V Halogen lamp with standard electronic transformer: 1000 VA Halogen lamp with standard ferromagnetic transformer: 1000 VA
Colour tint	White

Complementary

Network frequency	50/60 Hz
Input function	Switch
Output voltage	220...250 V
Output current	10 A
Number of channels	2
Control type	Movement sensor
Function available	Switching, toggling, dimming
Light intensity adjustment	10...2000 lux
Horizontal detection angle	360 °
Detection range	Radius: 7000 mm
Technology type	High frequency
Mounting height	2.5 m

Environment

IP degree of protection	IP40 IP52
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Packing Units

Package 1 Weight	160.000 g
Package 1 Height	118.000 mm
Package 1 width	160.000 mm
Package 1 Length	163.000 mm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins



IP55

Main

Electronic outdoor movement detector. 220° surface monitoring for large house fronts and sections of the house. The movement detector for outdoor areas.

- **Basic:**

- The basic movement detector with 220° surface monitoring for large house fronts.

- **Common features:**

- 360° short-range zone with a radius of approx. 4 m.
- Very easy installation thanks to large wiring compartment and plug-in connection system.
- Looping through is possible.
- Integrated LED function display for alignment at installation site.
- Potentiometers for adjustment are protected under the easily accessible cover plate.
- Can be installed on walls and ceilings without additional accessories.
- Can be mounted on inner/outer corners and stationary pipes with installation bracket, art. no. MTN5652...
- The area of detection can be adjusted to local conditions with the aid of the spherical head which can be adjusted horizontally, vertically and axially.
- The design is independent of the position of the sensor head.
- Possible to blank out individual lens areas.

Complementary

- 360° short-range zone (approx. 4 m radius).
- Large wiring compartment and plug system.
- Looping is possible.
- LED function display for fast alignment at the installation site.
- Operating elements are protected under the easily accessible cover plate.
- Flexibly adjustable sensor head.
- Possible to blank out individual lens areas.

Can be installed on walls and ceilings without additional accessories. Can be mounted on inner/outer corners and stationary pipes using a mounting bracket.

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Mains voltage: AC 230 V, $\pm 10\%$, 50 Hz

Incandescent lamps: AC 230 V, max. 2000 W

Halogen lamps: AC 230 V, max. 1200 W

Fluorescent lamps: AC 230 V, 1200 W uncompensated

Capacitive load: max. 35 μF

Max. switching current: 16 A, AC 230 V, $\cos\varphi = 1$

Angle of detection: 220°

Range: max. 12 m

Number of levels: 7

Number of zones: 112 with 448 switching segments

Light sensor: infinitely adjustable from 3-1000 lux

Time: 1 sec. to approx. 8 min. in 6 levels

Neutral conductor: required

Possible to set the sensor head

Wall mounting: 9° up, 24° down, 12° left/right, $\pm 12^\circ$ axial

Ceiling mounting: 4° up, 29° down, 25° left/right, $\pm 8.5^\circ$ axial

EC guidelines: Low voltage guideline 2006/95/EC and EMC guideline 2004/108/EC

Type of protection: IP 55

Accessories: Mounting bracket, art. no. MTN565291. Capacitor, art. no. MTN542895.

Contents: With cover plate and segments to limit the area of detection, screws and plugs.

Colour: polar white

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Main

Range of product	ARGUS presence detector
Product or component type	Presence detector
Function available	Master function
Number of channels	2
Time delay	10 s...30 min 5...120 min
Horizontal detection angle	0...360 °
Detection zone	Radius 7 m
Colour tint	Polar white
Colour code	RAL 9010
Material	PC (polycarbonate) brilliant
Type of packing	Carton
IP degree of protection	IP20

Complementary

Type of setting	Light sensitivity adjustable Time adjustment
Control type	Remote control
Device mounting	Ceiling
Mounting height	2.5 m
[Ue] rated operational voltage	220/230 V
Output current	10 A 4 A
Network frequency	50/60 Hz
Light intensity adjustment	10...1000 lux
Input compatibility	Pushbuttons and electronic insert
Input function	2x external triggering over PL
Load type	Energy saving lamp: : 100 VA Low voltage halogen lamp with electronic transformer: : 1050 VA - 230 V AC Low voltage halogen lamp with wire-wound transformer: : 500 VA - 230 V AC Incandescent lamp: 2200 W - 230 V AC Capacitive: : 10 A, 140 µF - 230 V AC Motor: : 1000 VA - 230 V AC Halogen lamp: 2000 W - 230 V AC

Environment

Ambient air temperature for operation	0...25 °C
Environmental health and issues	Halogen free