

Make a move towards comfortable lighting control

Presence and motion sensors



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Life Is On

Schneider
Electric



Move towards Schneider Electric presence and motion sensors

Be it outdoors or indoors, surface- or flush-mounted – Schneider Electric has the appropriate solution for each building and room type: Whether private house, office or hotel corridor, whether with conventional installation or integrated into a KNX system, help your customers achieve significant energy savings – with presence and motion sensors!

Outdoor sensors



ARGUS 220
motion sensor



ARGUS Standard 120
motion sensor



ARGUS 360
motion sensor

Indoor sensors



ARGUS
presence sensor



ARGUS Standard 360,
false ceiling presence sensor



KNX Mini
presence sensor



ARGUS 180 UP with
switch presence sensor



In all building types ...

The selection of the appropriate movement and presence sensors depends on the movement behaviour and the usage of space by your customers. The right product installed in the right place is critical for the efficient control of lighting, temperature and ventilation.

In homes...

outdoor motion sensors significantly enhance security and the comfort of residents on paths, in house facades or driveways. Nobody should have to grope around in the dark any more with motion sensors in corridors, staircases, basement exits or rarely used rooms. The fact that energy is only consumed when it is needed saves money and also protects the environment.

In offices...

motion sensors prevent unnecessary energy consumption as lights are switched on as needed: in long corridors and in rarely used rooms. Presence sensors are effective in offices and meeting rooms, especially if the heating and ventilation are combined with the lighting.

In public buildings...

such as schools, hospitals or gyms, movement and brightness-dependent control of lighting, temperature and ventilation is most effective – because as there are other more important things going on, turning off the light is often forgotten.



... the right technology

The required function scope determines the technological basis of movement and presence sensors. This means that efficient convenience and safety solutions can be implemented, from an individual room solution to complete building control.

Fast, simple and effective: conventional

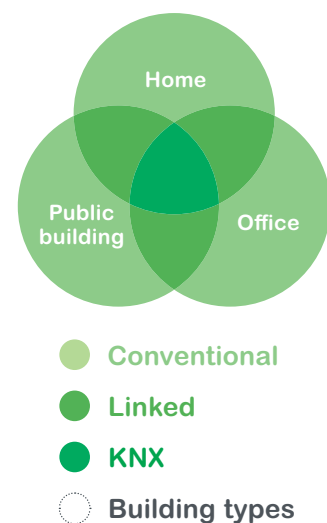
Conventional movement- and brightness-dependent lighting control is a good idea wherever light switches can simply be replaced by flush-mounted motion sensors.

Systematic convenience and flexibility: networking

Networking individual movement and presence sensors into a system not only increases safety and convenience, but above all the flexibility of control of associated utilities.

Intelligent and comprehensive: KNX

KNX-based lighting control by movement and presence sensors is suitable wherever these are integrated into larger, automated control processes.





Private house

In homes, family life is important and people do not want to have to worry about security. Motion sensors can contribute significantly to this. Properly located and installed, they are valuable everyday assistants and also the most cost-effective solution to save energy.

Outside

Good visibility at any time of day

The route from a parking space to a building entrance can easily become a tripping hazard in twilight or darkness. The search for the keyhole is complicated due to insufficient illumination.

Motion sensors with different areas of detection ensure a customised adjustment to each situation: The combination of motion

sensors for long house facades and for house corners provides seamless lighting of outdoor areas.

Safety can also be increased subsequently. Networking outdoor motion sensors by radio is the flexible solution for retrofitting without the need for cables.

Utility room

A motion sensor is intuitive

A laundry room is used infrequently. Door open, store purchases, and leave the room again. Not only in rarely-used rooms, but also in passage areas such as corridors it can easily happen that the extinction of the light is forgotten. How convenient then that the motion sensor automatically controls the light.

The individually adjustable overshoot time of the motion sensor switches the lights off automatically – from 1 second to 8 minutes, whatever you need.

Child's room

Automatic switch-off

In the children's room there's plenty of movement because today is all about the upcoming football match. Is everything packed, nothing forgotten? The excitement is so great that when they left the room, the light was left on. No problem! The motion sensor switches off the lights for you.

Additional flexibility is provided by the integrated switch, which allows the movement-dependent control to be deactivated easily. This is particularly important at night, so that turning over in bed does not inadvertently turn on the light. Also in bathrooms the motion sensor with integrated switch is particularly suitable.



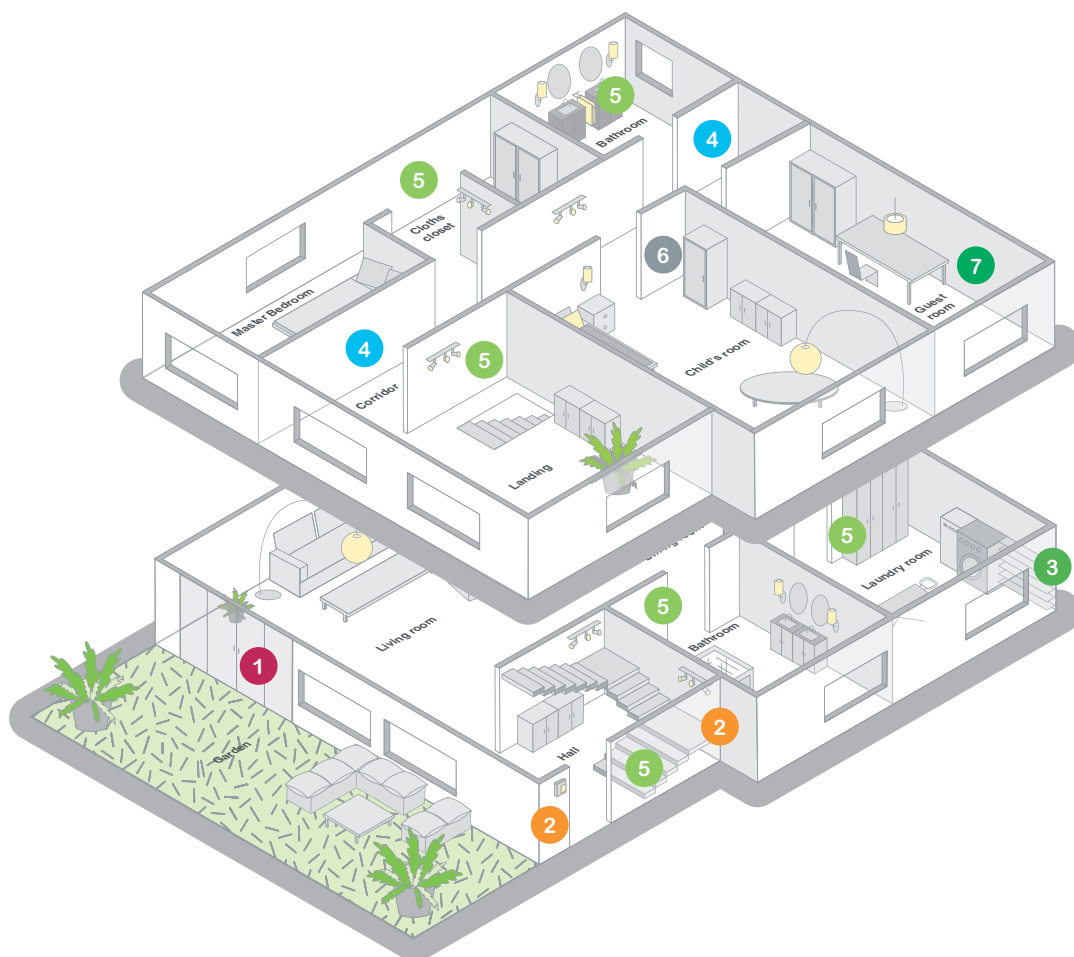
Products and functions in a private house

Solution: Outdoor and indoor motion sensors

Plan and implement cost and energy-efficient solutions for flats and homes using the motion sensor range from Schneider Electric.

Advantage: High convenience and security, lower energy costs

With motion sensors you increase the convenience and security of your customers. In single-family homes, savings of up to 30% are also achievable.



1

ARGUS 220



Outdoor motion sensor
220° detection angle,
for monitoring building
facades

2

ARGUS 110



Outdoor motion sensor
110° detection angle,
for monitoring smaller
house facades

2

ARGUS Standard 120



Outdoor motion sensor
120° detection angle,
for monitoring smaller
house facades

3

ARGUS Standard 360



Outdoor motion sensor
360° detection angle,
for installation on house
corners

4

ARGUS 180/2,20



Indoor motion sensor
180° detection angle,
mounting height 2.20 m

5

ARGUS 180



Indoor motion sensor
180° detection angle

6

ARGUS 180



Indoor motion sensor
180° detection angle,
with integrated switch

7

ARGUS Standard 360



Indoor motion sensor
360° detection angle,
for ceiling mounting

Solutions with KNX

In houses equipped with KNX too, KNX motion and presence sensors allow needs-based control of lighting and temperature.

KNX ARGUS
220



KNX outdoor
motion sensor
220° detection angle

KNX ARGUS
Presence 180



KNX indoor
motion sensor
180° detection angle,
mounting height 1m

KNX ARGUS
Presence 180/2,20



KNX indoor
motion sensor
180° detection angle,
mounting height 2.20m



Office

Owing to the numerous different areas used, offices provide plenty of options to achieve high levels of energy-saving potential as in commercially used buildings it is often the case that electrical devices are not switched off after use. The movement and brightness-dependent control of lighting, temperature and ventilation can be perfectly adapted to the user's behaviour at their workplaces.

Corridor

Security in frequently used walkways

Corridors are often long and insufficiently lit links between working areas. People moving around in these areas are often so busy that control the light is the furthest thing from their minds. An efficient solution is therefore to employ several motion sensors. Parallel switching enables flush-mounted motion sensors in single detection areas to be

combined, ensuring secure lighting for the entire corridor regardless from which side it is entered. As soon as the motion sensor ceases to register any movement, the lights are switched off. This simple solution provides dual efficiency as it increases security whilst reducing electricity costs.

Office room

Optimal conditions for high efficiency

Whether individual or open plan office, optimum lighting of the workplace increases comfort and efficiency. To control the lighting in a way which responds to both movement and brightness, a single ARGUS presence sensor, mounted above the desk, is sufficient for each room. In open plan offices, presence sensors switched in groups ensure complete lighting control above the workplace clusters.

What is particularly cost effective is that non-required lighting groups are automatically deactivated. You can manually switch the lighting on and off at any time using a remote control. That saves energy and reduces operating costs.

Conference room

Two channels for double efficiency

Be it for staff meetings or presentations, automatic control ensures that the lighting and temperature in conference rooms is right so the occupants can focus on the more important issues at hand. The ARGUS Presence, which is installed above the conference table, ensures double efficiency. With its two channels, the lighting and temperature respectively ventilation can be set separately. The first channel switches the lights on if the room needs more illumination, but only until there is sufficient ambient brightness or there is no-one left in the room, at which point the lights are switched off.

The second channel is independent of brightness and switches on heating and ventilator motors.

DALI and 1-10 V

1-10 V or the digital standard DALI are lighting control systems often used in office buildings. Integrating presence sensors makes it possible to have energy-efficient and needs-

based illumination of all kinds of workplaces. From individual to open-plan offices, lighting groups can be controlled according to presence.



Products and functions in an office building

Solution: Movement and presence sensors

With the extensive movement and presence sensor product range from Schneider Electric, you can easily plan and implement convenient, safe and energy saving solutions, especially for office buildings.

Advantage: Comfort and safety for staff with lower operating costs

Increase comfort and security in office buildings with movement and presence sensors. In addition, savings of up to 40% are possible!



1

KNX ARGUS 220



KNX Outdoor motion sensor, 220° detection angle, for monitoring building facades

2

KNX ARGUS Presence Basic
KNX ARGUS Presence



KNX Presence sensor 360° detection angle, for ceiling mounting

2

KNX ARGUS Presence with light control and IR



KNX Presence sensor 360° detection angle, for ceiling mounting

2

KNX Mini Presence



KNX Mini Presence sensor 360° detection angle, for ceiling mounting

3

KNX ARGUS Presence 180/2,20 UP



KNX Indoor motion sensor 180° detection angle, mounting height 2.20 m

3

KNX ARGUS 180



KNX Indoor motion sensor 180° detection angle

4

KNX Long Corridor Presence



KNX Long Corridor Presence sensor 360° detection angle, for ceiling mounting

Conventional solutions

Conventional movement and presence sensor solutions offer significant potential for savings, even in smaller office buildings or individual rooms of the office building such as conference rooms or corridors.

ARGUS 220



Outdoor motion sensor 220° detection angle, for monitoring building facades

ARGUS Standard 360



Outdoor motion sensor 360° detection angle, for installation on house corners

ARGUS Presence with IR



Indoor presence sensor, 360° detection angle, remote control

ARGUS 180/2,20



Indoor motion sensor 180° detection angle, mounting height 2.20 m

ARGUS 180



Indoor motion sensor 180° detection angle, with integrated switch



Public building

Whether a sports club, school or hospital, public buildings have one thing in common: they are places where the movement and brightness-dependent control of lighting, temperature and ventilation can be especially useful for the efficient use of energy. Because other things are more important than switching lights in these buildings.

Parking garage

Plenty of room for safety

Car parks and parking garages are usually permanently, but poorly lit. This is also the reason why they are perceived as being unsafe. A needs-based lighting control system not only enhances security but also prevents inefficient power consumption.

The positioning of ARGUS surface-mounted motion sensors on all entrances to the parking levels creates a solution that makes energy usage more efficient. Better illumination of the entrances and parking levels improves the sense of security – and the on-demand switching makes it efficient.

Restroom

Control according to demand is desired

The lighting in rest rooms is rarely attuned to the usage patterns of its visitors. So it is possible that it is permanently on – but also that it is turned off even though another person is present.

The use of movement and presence sensors offers an effective and convenient solution, which also lowers costs.

Course room

Perfect conditions for a workout

To meet the requirements of a course room in terms of light, temperature and ventilation needs, all you need is an ARGUS presence sensor. Placed centrally beneath the ceiling, it senses the presence of all people – regardless of whether they are training or taking a break.

The controlling via two channels enables the separate control of lighting and temperature. The on-demand control of room lighting and temperature creates an ideal training environment and only uses energy when needed.

System linked

The presence sensors can be networked together using a special terminal with only a single additional core, to make a presence sensor system. In this way, for example, it is possible for long corridors with several access points to be illuminated automatically,

according to need. The intelligent master/slave principle permits additional installation possibilities, as well as integration of extension units. This means lamps can be controlled both manually and automatically.



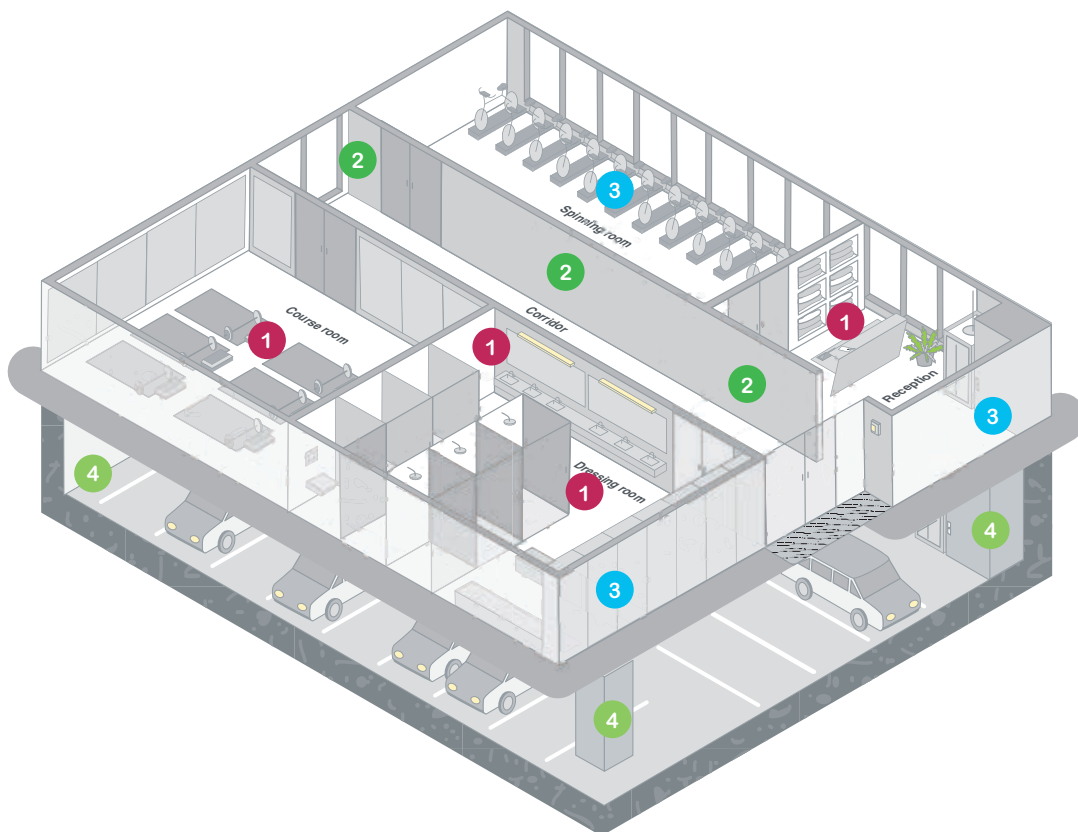
Products and functions in public buildings

Solution: Movement and presence sensors

Implement an effective energy saving solution with the full movement and presence sensor range from Schneider Electric – perfectly matched to the needs in public buildings.

Advantage: Lower energy costs, greater convenience and security

Movement and presence sensors can be perfectly matched to the behaviour of people in public buildings. In addition to great convenience and increased safety, potential savings of up to 40% are possible.



1

ARGUS Presence
1-10V / DALI



Presence sensor
360° detection angle,
for ceiling mounting

2

ARGUS 180/2,20



Indoor motion sensor
180° detection angle,
mounting height 2.20 m

3

ARGUS Standard 120



Outdoor motion sensor
120° detection angle,
for monitoring smaller
house facades

4

ARGUS Standard 360

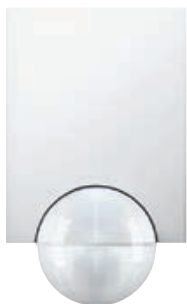


Outdoor motion sensor
360° detection angle,
for installation on house
corners

Solutions with KNX

Movement- and brightness-dependent control of lighting, temperature and ventilation is flexible and economical with KNX. It can be perfectly adapted to the behaviour of users, and changed at any time in a straightforward procedure without any major expense.

KNX ARGUS 220



KNX Outdoor
motion sensor,
220° detection angle,
for monitoring building
facades

KNX ARGUS Presence
Basic
KNX ARGUS Presence



KNX Presence sensor
360° detection angle,
for ceiling mounting

KNX ARGUS Presence
180/2,20 UP



KNX Indoor
motion sensor
180° detection angle,
mounting height 2.20 m

KNX ARGUS 180



KNX Indoor
motion sensor
180° detection angle

KNX Long Corridor
Presence



KNX Long Corridor
Presence sensor
360° detection angle,
for ceiling mounting

KNX High Bay
Presence



KNX High Bay Presence
sensor
360° detection angle,
for ceiling mounting

Mode of operation

Movement and presence sensors use infra-red sensors to perceive temperature differences. The perception area is divided into zones and levels in which these temperature differences stand out as movement.

Motion sensor

Motion sensors respond to motion. If the light sensor measures low ambient light and the sensor detects a movement, it turns on the light for a pre-set duration. Motion sensors are particularly suitable for outdoor areas and indoor areas for rarely used rooms.

Presence sensor

Presence sensors react to the smallest movements, so they are ideal for indoor use in rooms with a high proportion of daylight or prolonged use. Once the ambient light falls below a certain level, the light is also switched on if a movement is detected.

Unlike the motion sensor, the presence sensor has two different channels: the first operates the lights and the second controls other functions such as heating,

air conditioning or ventilation. The first channel switches on according to daylight and movement, the second only for movement. So with sufficient light, no energy is wasted and all other functions work.

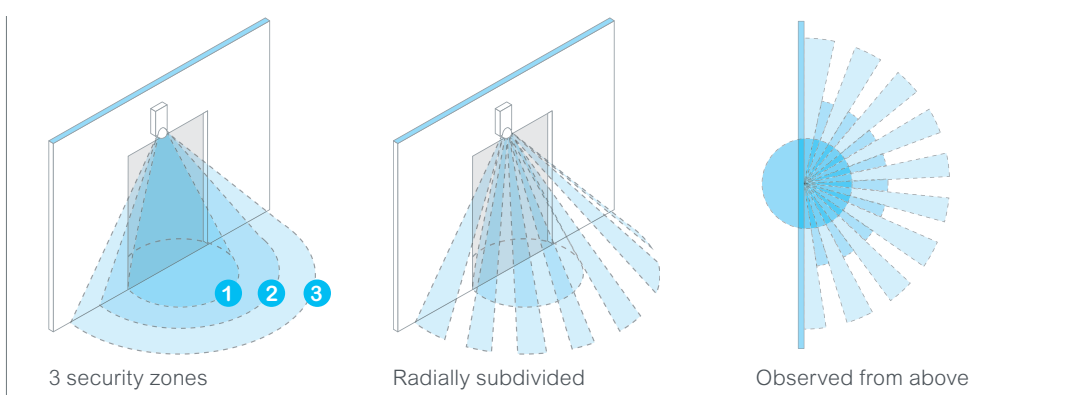
Angle of detection and range

The detection angle and the detection range determine the area in which movement can be detected. The higher these values are, the larger the area of detection is.

Mounting height

The mounting height also influences the detection range. The higher the sensor is mounted, the greater the area covered. The sensitivity decreases, however, as the individual zones have increased.

Zones



3 security zones

Most motion sensors have three security zones: the innermost zone covers the area directly below and behind the sensor, the other two cover the remainder of the detection area.

Rationally subdivided

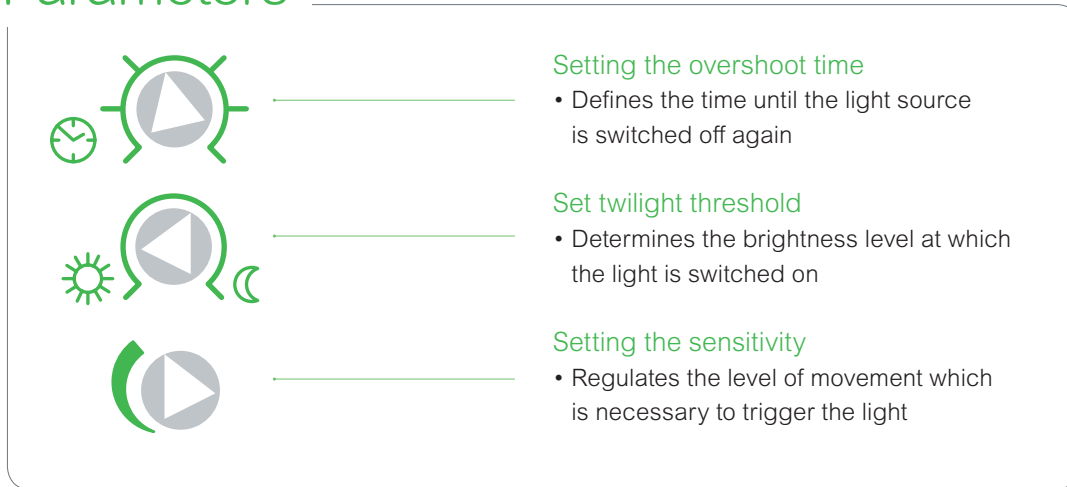
All sensor zones are subdivided radially. Movements are detected by temperature differences in these subdivisions.

Observed from above

Settings

Movement and presence sensors are equipped with a variety of settings. If all parameters are optimally adjusted to the individual application, it can achieve maximum energy efficiency.

Parameters



The diagram illustrates three parameters for sensor settings, each with an icon and a corresponding text box:

- Setting the overshoot time**
 - Defines the time until the light source is switched off again
- Set twilight threshold**
 - Determines the brightness level at which the light is switched on
- Setting the sensitivity**
 - Regulates the level of movement which is necessary to trigger the light

Additional adjustment settings for presence sensors:

Channel 1 settings

- For brightness-dependent control of lighting
- Brightness sensor seamlessly adjustable
- Overshoot time seamlessly adjustable

Channel 2 settings

- For brightness-independent activation of heating systems or fan motors
- Adjustable sensitivity (several movements within a certain time required before activation)
- Overshoot time seamlessly adjustable

Individual settings

Overshoot time

Motion sensors not only make life safer and more comfortable, but also help save energy. You can individually set the overshoot time. After the set time, the light switches back off again automatically.

Remote controlled

Some motion sensor models can be remotely controlled: switching maintained light on and off, changing the twilight threshold and the switching time and the setting and modifying of movement sensitivity can be controlled with the remote control for increased convenience.

Easy installation

Schneider Electric movement and presence sensors can not only be simply and quickly adapted to the needs of your customers. A number of installation advantages will also facilitate your work – from adjusting to the respective room situation through to fitting to ceilings and walls.

Large wiring compartments

Thanks to the large wiring compartment and four cable inlets with plug connections between the conductor and the wiring connection box, the cabling can be done by hand in time at all.

Wall spacers

Wall spacers facilitate perfect installation on uneven walls or if cables are fed from overhead.

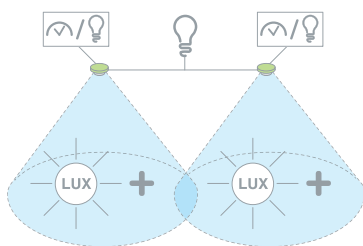
Mounting bracket

Mounting brackets enable installation even on outside and inside corners as well as on cylindrical bodies such as drainpipes.

Movement direction

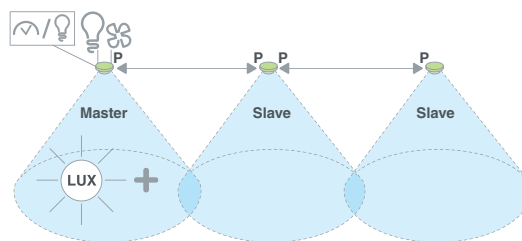
With the installation of movement and presence sensors, care is to be taken regarding the movement direction in the area to be covered. A movement past the sensor is recognised best.

Presence sensors in a system



Parallel switching of sensors

The parallel switching of sensors extends the detection area. To avoid malfunctions, the light value and overshoot time parameters must be carefully adjusted on each sensor. It should be noted that parallel switching does not increase the total load. This is always the same regardless of the number of parallel sensors.

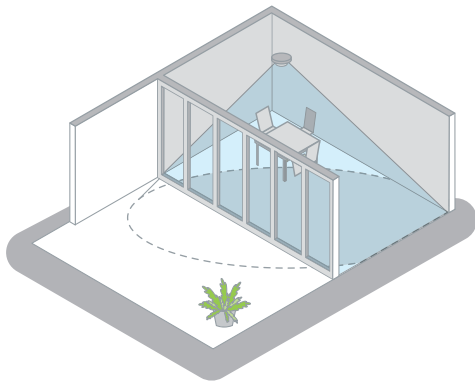


Master-slave switching

With the master-slave switch, a presence sensor's area of detection can be extended affordably. The master device switches connected devices to pre-set parameters – the slave devices are used only for presence detection and send a pulse to the master device when movement is detected. This ensures consistent switching behaviour.

The right positioning

The correct positioning of movement and presence sensors is important for their proper function: Glass walls, plants, but also heat sources can cause malfunctions.

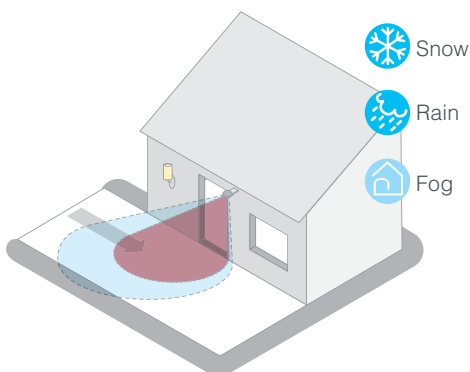


Thermal radiation does not penetrate through glass

When determining the position of movement and presence sensors, it is important to note that areas of detection are limited by glass surfaces.

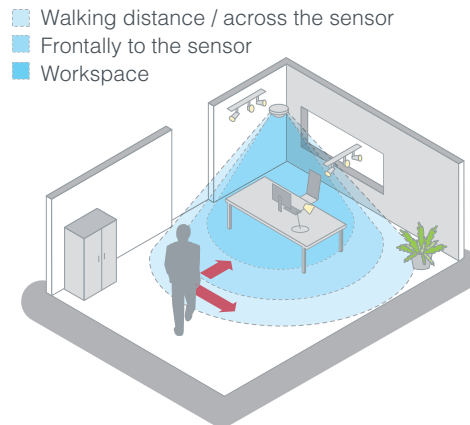
Trouble-free operation

The twilight threshold, brightness sensor and overshoot time are seamlessly adjustable and can be easily adapted to existing requirements.



Weather as a source of interference

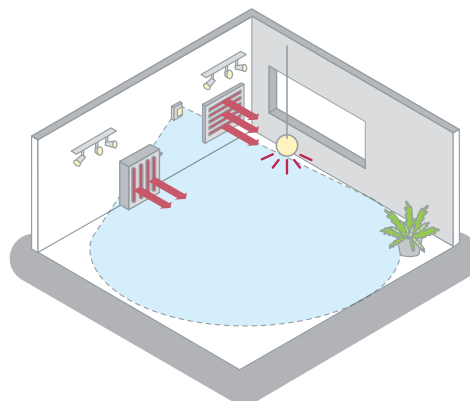
The detection area of surface-mounted motion sensors can be reduced by weather conditions like snow or rain. Plan this in when positioning the sensors.



Positioning of presence sensors

Presence sensors are positioned centrally above a workplace or work cluster. A movement across the sensor is detected best, while approaching it head-on is least effective.








By selectively covering certain segments of the lens, sources of interference such as trees or similar moving sources can be hidden.



False alarms caused by heat sources

Local heat sources like radiators can lead to false alarms. Reducing the sensitivity or the use of mask lenses can reduce their impact.

Selection guide outdoors

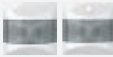





	Product		Installation				Detection	
	Image	Colour	Type	Location / Monitoring of	Recom. mounting height	Type of protection	Detection angle	Max. detection range
OUTDOORS		<input type="checkbox"/> 19	Surface-mounted	Wall / Smaller house facades and parts of the building, such as: Entrances, stairways	2,50 m	IP 55	110°	12 m
	ARGUS 110 basic MTN565119							
		<input type="checkbox"/> 19	Surface-mounted	Wall / Larger house facades, such as: Entrances, driveways	2,50 m	IP 55	220°	12 m
	ARGUS 220 basic MTN565219							
		<input type="checkbox"/> 19	Surface-mounted	Wall / Larger house fronts and areas, such as: Entrances, driveways, parking spaces	2,50 m	IP 55	220°	16 m
	ARGUS 220 MTN5628-3119							
		<input type="checkbox"/> 19	Surface-mounted	Wall / Larger house fronts and areas, such as: Entrances, driveways, parking spaces	2,50 m	IP 55	220°	16 m
KNX ARGUS 220 MTN632519								
	white	Surface-mounted	Wall; Ceiling / Smaller house fronts such as: Entrances, stairways	2,50 m wall- mounted	IP 55	120°	12 m	
ARGUS Standard 120 CCTR1P004 Blister CCT56P004 Carton								
	white	Surface-mounted	Wall; Ceiling / Large areas with corner mounting, such as: Two house facades, car ports, garages	2,50 m wall- mounted	IP 55	360°	12 m	
ARGUS Standard 360 CCTR1P008 Blister CCT56P008 Carton								
	<input type="checkbox"/> 19	Surface-mounted	Ceiling / Areas such as: Car ports, garages	2,50 m	IP 54	360°	20 m Radius	
ARGUS 360 MTN5640-3119								

Specification

Load

Time	Light	Power supply	Neutral conductor	Parallel switch	Incandescent unit: W	Halogen 230 V unit: W	Halogen electronic/ferro magnetic	Fluorescent tubes	Capacitive load unit: μF (10A)	LED load	CFL	Max. current
1 s to 8 min (in 6 steps)	3-1000 lx	AC 230 V, $\pm 10\%$, 50 Hz	•	•	2000 W	1200 W	1000 VA / 1000 VA	1200 W	35 μF	–	–	16 A, AC 230 V, $\cos\phi = 1$
1 s to 8 min (in 6 steps)	3-1000 lx	AC 230 V, $\pm 10\%$, 50 Hz	•	•	2000 W	1200 W	1000 VA / 1000 VA	1200 W	35 μF	–	–	16 A, AC 230 V, $\cos\phi = 1$
1 s to 8 min (in 6 steps)	3-1000 lx	AC 230 V, $\pm 10\%$, 50 Hz	•	•	2000 W	1200 W	1000 VA / 1000 VA	1200 W	35 μF	–	–	16 A, AC 230 V, $\cos\phi = 1$
1 s to 8 min (in 6 steps)	3-2000 lx	–	–	–	–	–	1000 VA / 1000 VA	–	–	–	–	–
3 s to 30 min	5-2000 lx	AC 220 - 240 V, 50 Hz	•	•	1000 W	900 W	250 VA / 500 VA	200 VA	14 μF	–	3 x 23 W	10 A, AC 220 - 240 V, $\cos\phi = 0,6$
5 s to 20 min	5-2000 lx	AC 220 - 240 V, 50 Hz	•	•	1000 W	800 W	315 VA / 500 VA	250 VA	21 μF	–	4 x 23 W	10 A, AC 220 - 240 V, $\cos\phi = 0,6$
5 s to 15 min pulse	2-1000 lx teach mode	AC 230 V, $\pm 10\%$, 50/60 Hz	•	•	2000 W	–	–	1000 VA	176 μF	8 x 58 W	–	9 A

Selection guide indoors







	Product	Installation			Detection			
		Colour	Type	Location / Monitoring of	recom. mounting height	Type of protection	Detection range	Max. range
INDOORS	ARGUS 180 UP MTN5755xx * 	<input type="checkbox"/> 44 <input type="checkbox"/> 19 <input type="checkbox"/> 25 <input checked="" type="checkbox"/> 14 <input type="checkbox"/> 60	Flush-mounted	Wall / Rarely used rooms, such as: Corridors, closets, bathrooms, archives	1 m	IP 20	180°	8 m to the right/left, 12 m forward
	ARGUS 180 UP with switch MTN5728xx * * to complete with inserts MTN576799/MTN576897							
	ARGUS 180 UP / 2,20m MTN5688xx * * to complete with inserts MTN576799/MTN576897	<input type="checkbox"/> 44 <input type="checkbox"/> 19 <input type="checkbox"/> 25 <input checked="" type="checkbox"/> 14 <input type="checkbox"/> 60	Flush-mounted	Wall / Rarely used rooms, such as: Corridors, closets, bathrooms, archives	2,20 m	IP 20	180°	8 m to the right/left, 12 m forward
	ARGUS Standard 360 CCTR1P002 Blister CCT56P002 Carton 	white	Surface-mounted	Ceiling; Surfaces / Smaller rooms, such as: Corridors, storage rooms, garages	2,40 m	IP 20	360°	3,70 m Radius
	ARGUS Standard 360, false ceiling CCTR1P001 Blister CCT56P001 Carton 	white	Ceiling-mounted	Ceiling / Areas such as corridors, open plan offices	3 m	IP 20	360°	4 m Radius
	ARGUS Standard 360, false ceiling CCT570003 	white	Flush-mounted	ceiling / Area such as: restrooms, retail stores, museums	2,50 m	IP 20	360°	7 m diameter
	ARGUS Standard 360, mini motion sensor, 1 channel CCT570005 	white	Flush-mounted	ceiling / Area such as: restrooms, retail stores, museums	2,50 m	IP 20	360°	6 m diameter
	ARGUS Presence IR relay output 1gang: MTN5510-1119 2gang: MTN5510-1219 	<input type="checkbox"/> 19	Ceiling-mounted	Ceiling / Areas such as offices, open plan offices, conference rooms	2,50 m	IP 20	360°	7 m Radius
ARGUS Presence DALI for electronic ballast; max. 15 DALI EBs per insert/ max. 64 DALI EBs per DALI line MTN5510-1519								
ARGUS Presence 1-10 V for electronic ballast; max. 25 1-10 V EBs per insert MTN5510-1419								
ARGUS Presence Slave MTN5510-1019								

Specification










Load

Time	Light	Power supply	Neutral conductor	Parallel switch	Incan- descent unit: W	Halogen 230 V unit: W	Halogen with electronic transformer	Fluore- scent tubes	Capacitive load unit: µF (10 A)	CFL	Max. current
1 s to 8 min (in 6 steps)	5-1000 lx	Electronic switch insert AC 230 V, 50 Hz	–	max. 2	40 - 300 W	40 - 300 W	only for resistive loads	only for resistive loads	only for resistive loads		–
		Relay switch insert AC 230 V, 50 Hz	•	max. 4	1000 W	1000 W	1000 VA / 1000 VA	1000 VA	140 µF		–
1 s to 8 min (in 6 steps)	5-1000 lx	Electronic switch insert AC 230 V, 50 Hz	–	max. 2	40 - 300 W	40 - 300 W	only for resistive loads	only for resistive loads	only for resistive loads		–
		Relay switch insert AC 230 V, 50 Hz	•	max. 4	1000 W	1000 W	1000 VA / 1000 VA	1000 VA	140 µF		–
3 s to 10 min	5-2000 lx	AC 220 - 240 V, 50 Hz	•	•	1000 W	1000 W	315 VA / 500 VA	250 VA	21 µF	4 x 23 W	10 A, AC 220 - 240 V, cosφ = 0,6
5 s to 8 min	5-2000 lx	AC 220 - 240 V, 50 Hz	•	•	1000 W	1000 W	250 VA / 500 VA	200 VA	14 µF	3 x 23 W	10 A, AC 220 - 240 V, cosφ = 0,6
30s, 1m,5m, 10m, 30m, Short impul- se & Test	5-2000lx	230 VAC, 50 Hz	•	•	1000 W	900 W	250 VA	200 VA	14 µF (10 A)	80 VA	
30s, 1m,5m, 10m, 30m, Short impul- se & Test	5-2000lx	230 VAC, 50 Hz	•	•	1000 W	800 W	315 W	250 VA	25 µF	80 VA	
Channel 1: 10 s to 30 min Channel 2: 5 min to 2 h	10-1000 lx	AC 220/230 V, 50/60 Hz	•	max. 4	2200 W	2000 W	1050 W / 500 VA	–	140 µF	100 VA	10 AX, AC 220 - 230 V, cosφ = 0,6
				–	–	–	–	–	–	–	
				–	2200 W	2000 W	1050W / 500 VA	–	140 µF	10 A, AC 220 - 230 V, cosφ = 0,6	
				–	–	–	–	–	–	–	

Selection guide indoors

INDOORS	Product		Installation				Detection		
		Colour	Type	Location / Monitoring of	recom. mounting height	Type of protection	Detection range	Max. range	
	ARGUS Presence DALI 230V, 2 zones, master CCT552006		white	Surface-/ Flush-mounted	Ceiling / Area such as: offices, meeting rooms	2,50 m	IP 20	360°	8 m diameter
	ARGUS Presence DALI 230V, 2 zones, slave CCT555006		white	Surface-/ Flush-mounted	Ceiling / Area such as: offices, meeting rooms	2,50 m	IP 20	360°	8 m diameter
	ARGUS Presence wide sense, 2 channels CCT551003		white	Surface-/ Flush-mounted	Ceiling / Area such as: warehouses, libraries, gymnasium	2,50 m	IP 20	360°	30 m diameter
	ARGUS Presence Dual-Tech, 1 channel CCT551011		white	Surface-/ Flush-mounted	Ceiling / Area such as: offices, meeting rooms	2,50 m	IP 20	360°	PIR: 8 m (diameter), US: adjustable up to 10 m x 16 m (oval shape)
	ARGUS Presence Dual-Tech, 2 channels CCT551012		white	Surface-/ Flush-mounted	Ceiling / Area such as: offices, meeting rooms	2,50 m	IP 20	360°	PIR: 8 m (diameter), US: adjustable up to
	ARGUS Presence HF, 2 channels CCT551023		white	Surface-/ Flush-mounted	Ceiling / Area such as: warehouses, libraries, gymnasium	2,50 m	IP 20	360°	

Selection guide indoors KNX

INDOORS KNX	Product		Installation			
		Colour	Type	Location / Monitoring of	recom. mounting height	
	KNX ARGUS 180 MTN6316xx, MTN6326xx		<input type="checkbox"/> 44 <input type="checkbox"/> 19 <input type="checkbox"/> 25 <input type="checkbox"/> 14 <input type="checkbox"/> 60	Flushmounted	Wall / Areas such as: corridors, rest rooms, archives	1 m
	KNX ARGUS 180 UP / 2,20 m MTN6317xx, MTN6327xx		<input type="checkbox"/> 44 <input type="checkbox"/> 19 <input type="checkbox"/> 25 <input type="checkbox"/> 14 <input type="checkbox"/> 60	Flushmounted	Wall / Areas such as: corridors, rest rooms, archives	2,20 m
	KNX ARGUS Presence 180 UP / 2,20 m MTN6304xx, MTN6306xx		<input type="checkbox"/> 44 <input type="checkbox"/> 19 <input type="checkbox"/> 25 <input type="checkbox"/> 14 <input type="checkbox"/> 60	Flushmounted	Wall / Areas such as: corridors, rest rooms, archives	2,20 m
	KNX ARGUS Presence Basic MTN6307xx		<input type="checkbox"/> 19 <input type="checkbox"/> 60	Ceilingmounted	Ceiling / Areas such as: Open plan offices, conference rooms, class rooms	2,50 m
	KNX ARGUS Presence MTN6308xx					
	KNX ARGUS Presence with light control and IR MTN6309xx					
	KNX High Bay Presence sensor MTN6304-0019		<input type="checkbox"/> 19	Flushmounted	Ceiling / Area such as: warehouses, libraries, gymnasium	4 - 14 m
	KNX Long Corridor Presence sensor MTN6305-0019		<input type="checkbox"/> 19	Flushmounted	Ceiling / Area such as: lobbies, long corridors	2,5 - 5 m
KNX Mini Presence sensor MTN6303-0019		<input type="checkbox"/> 19	Flushmounted	Ceiling / Area such as: restrooms, retail stores, museums	2 - 5 m	
KNX High Bay Presence sensor MTN6354-0019		<input type="checkbox"/> 19	Surfacemounted	Ceiling / Area such as: warehouses, libraries, gymnasium	4 - 14 m	
KNX Long Corridor Presence sensor MTN6355-0019		<input type="checkbox"/> 19	Surfacemounted	Ceiling / Area such as: lobbies, long corridors	2,5 - 5 m	

Specification				Load								
Time	Light	Power supply	Neutral conductor	Parallel switch	Incan- descent unit: W	Halogen 230 V unit: W	Halogen with electronic transformer	Fluore- scent tubes	LED load	Capacitive load unit: μF (10 A)	CFL	
1min - 60min	10-2000lx	230 VAC, 500 V 60 Hz	•	•	2 x 25 DALI ballasts (25 per zone)							
slave	slave	AC 220-240 V, 50 Hz	•	•	2 x 25 DALI ballasts (25 per zone)							
10s - 30min	10-2000lx	230 VAC, 500 V 60 Hz	•	•	2000 W	1000 W	600 VA	900 VA	100 W	100 μF	80 VA	
5s - 30min	10-1000lx	230 VAC, 500 V 60 Hz	•	•	2000 W	1000 W	1000 VA	900 VA	100 W	100 μF	80 VA	
5s - 30min	10-1000lx	230 VAC, 500 V 60 Hz	•	•	2000 W	1000 W	1000 VA	900 VA	100 W	100 μF	80 VA	
10s - 30min	10-2000lx	230 VAC, 500 V 60 Hz	•	•	2000 W	1000 W	1000 VA	900 VA	100 W	100 μF	80 VA	

Detection		Specification	
Type of protection	Detection range	Max. range	Light
IP 20	180°	8 m	10-2000 lx
IP 20	180°	8 m to the right/left, 12 m forward	10-2000 lx
IP 20	180°	8 m to the right/left, 12 m forward	10-2000 lx
IP 20	360°	7 m Radius	10-2000 lx
IP 20	360°	18 m	2-1000lx
IP 20	360°	4 m x 20 m	2-1000lx
IP 20	360°	6 m x 6 m	2-1000lx
IP 20	360°	18 m	2-1000lx
IP 20	360°	4 m x 20 m	2-1000lx

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