



About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. Our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this Life Is On.

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Life Is On



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Life Is On



Double senses. Zero misses.

ARGUS energy-saving occupancy sensors



Convenient and efficient lighting control.

Leveraging state-of-the-art infrared, ultrasonic, high-frequency, or dual-technology capabilities, ARGUS ultra-sensitive occupancy sensors offer you the ultimate in reliable, efficient, and cost-effective indoor lighting control.

Product benefits

- Suitable for different lighting loads (LED, incandescent lamp, AC halogen lamp, LV halogen lamp, fluorescent lamp)
- Combination of infrared and ultrasonic detection technologies*
- High-frequency detection for high bay applications*
- Simple programming by infrared remote controller*
- Dual loading*
- Measurable energy savings

*Selected models. Please refer to the product specifications.

Technology brief

Passive infrared (PIR)

Incorporating a segmented lens, these sensors divide coverage areas into easy-to-monitor occupancy zones and are ideal for detecting walking and other forms of motion in small, enclosed spaces with high levels of movement.



High frequency

Using the doppler effect, high-frequency sensors enable long-distance detection of small motions. Temperature-independent and without the need for a direct line of sight of the moving subject, these sensors can even permeate solid materials like wood, glass, or plaster walls.



Ultrasonic

These sensors detect occupancy by monitoring acoustic frequency shifts caused by minor movements such as typing or reading. As no unobstructed line of sight is needed, they are perfect for spaces such as offices with cubicles or restrooms with stalls.



Dual technology

Combining both PIR and ultrasonic technologies, sophisticated dual-technology occupancy sensors ensure maximum effectiveness in almost all potential application areas.



Quick selection guide

		Dual-technology sensing		High-frequency sensing	Passive infrared sensing												
Product specifications		 	 	 	 	 	 	 	 								
Catalog number		CCT551011	CCT551012	CCT551023	CCT552006	CCT555006	CCT551003	CCT570005	CCT570003	CCT56P001	CCT56P002	MTN5510-1119	MTN5510-1219	MTN5510-1419	MTN5510-1519	MTN5570-1019	
Commercial description		ARGUS Presence Dual-Tech, 1 channel	ARGUS Presence Dual-Tech, 2 channels	ARGUS Presence HF, 2 channels	ARGUS Presence DALI 230V 2 zones, master	ARGUS Presence DALI 230V 2 zones, slave	ARGUS Presence wide sense, 2 channels	ARGUS Standard 360, mini motion sensor, 1 channel	ARGUS Standard 360, false ceiling motion sensor, 2 channel	ARGUS Standard 360, false ceiling motion sensor, 1 channel	ARGUS Standard 360, motion sensor	ARGUS Presence master, 1 channel	ARGUS Presence master, 2 channels	ARGUS Presence master, 1-10v	ARGUS Presence master DALI 230V	ARGUS Presence slave	
Sensing technology	PIR	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Ultrasonic	Yes	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	
	High frequency	-	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
Angle of detection		360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°	
Detection range (installation height: 2.5 m)		PIR: 8 m (diameter) US: adjustable up to 10 m x 16 m (oval shape)	PIR: 8 m (diameter) US: adjustable up to 10 m x 16 m (oval shape)	14 m (diameter) 10 m (diameter) at 6 – 10 m height	8 m (diameter)	8 m (diameter)	30 m (diameter)	6 m (diameter)	7 m (diameter)	8 m (diameter)	7.40 m (diameter)	14 m (diameter)	14 m (diameter)	14 m (diameter)	14 m (diameter)	14 m (diameter)	
Load 1 (max.values)	Incandescent lamp	2.000 W	2.000 W	2.000 W	-	-	2.000 W	1.000 W	1.000 W	1000 W	1.000 W	2.200 W	2.200 W	2.200 W	-	-	
	AC halogen lamp	1.000 W	1.000 VA	1.000 W	-	-	1.000 W	800 W	900 W	1000 W	1.000 W	2.000 W	2.000 W	2.000 W	-	-	
	LV halogen lamp	1.000 VA	1.000 VA	1.000 VA	-	-	600 VA	315 W	250 VA	315 W	315 W	1.050 W	1.050 W	1.050 W	-	-	
	Fluorescent lamp	900 VA	900 VA	900 VA	-	-	900 VA	250 VA	200 VA	200 VA	250 VA	-	-	-	-	-	
	Energy-saving lamp (includes CFL and PL lamp)	80 VA	80 VA	80 VA	-	-	80 VA	80 VA	80 VA	80 VA	3x23 W	4x23 W	100 VA	100 VA	100 VA	-	-
	LED lamp	100 W	100 W	100 W	-	-	100 W	100 W	100 W	100 W	200 W	200 W	-	-	-	-	-
Capacitive load Max. number of ballasts	100 µF	100 µF	100 µF	-	-	100 µF	25 µF	14 µF (10 A)	14 µF (10 A)	14 µF (10 A)	21 µF (10 A)	140 µF	140 µF	140 µF 25	15 DALI ballasts	-	
Load 2 (max.values)	HVAC	-	5 A for ≤ 250 VAC, cosφ = 1 5 A for ≤ 30 VDC 1 A for ≤ 250 VAC, cosφ = 0,4	5 A for ≤ 250 VAC, cosφ = 1 5 A for ≤ 30 VDC 1 A for ≤ 250 VAC, cosφ = 0,4	-	-	5 A for ≤ 250 VAC, cosφ = 1 5 A for ≤ 30 VDC 1 A for ≤ 250 VAC, cosφ = 0,4	-	5 A for ≤ 250 VAC, cosφ = 1 5 A for ≤ 30 VDC 1 A for ≤ 250 VAC, cosφ = 0,4	-	-	-	same as Load 1	-	-	-	
Rated voltage		230 VAC, 500 V 60 Hz	230 VAC, 500 V 60 Hz	230 VAC, 500 V 60 Hz	230 VAC, 500 V 60 Hz	AC 220-240V, 50 Hz	230 VAC, 500 V 60 Hz	230 VAC, 50 Hz	230 VAC, 50 Hz	AC 220-240V, 50 Hz	AC 220-240V, 50 Hz	AC 220/230V, 50/60 Hz	AC 220/230V, 50/60 Hz	AC 220/230V, 50/60 Hz	AC 220/230V, 50/60 Hz	AC 220/230V, 50/60 Hz	
Type of installation		Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (flush)	Ceiling (flush)	Ceiling (flush)	Ceiling (surface)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	Ceiling (surface/flush)	
IR remote controller (optional)		CCT556011	CCT556011	CCT556023	CCT556006	CCT556006	SAE-UE-MS-IR-WE	-	-	-	-	MTN5761-0000	MTN5761-0000	MTN5761-0000	MTN5761-0000	-	
Slave PIR sensor (optional)		-	-	-	CCT555006	-	-	-	-	-	-	MTN5570-1019	MTN5570-1019	MTN5570-1019	MTN5570-1019	-	