

KNX Sensors and components

Professional line | Valid from 01.02.2025



STEINEL KNX sensors are the „sensory organs“ of modern building automation.

We are not only partners of KNX but also of planners, architects and installers. We seek to exchange ideas and practical information with them. Our service offers a comprehensive portfolio of planning assistance, data provision and answers to daily questions. Convince yourself of our sensors and technologies. With our new system components and actuators, you get everything from a single source.

5-year manufacturer's warranty

By using the best components, which we combine perfectly,
we achieve a promise of quality that we naturally pass on to you.

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Universal interfaces

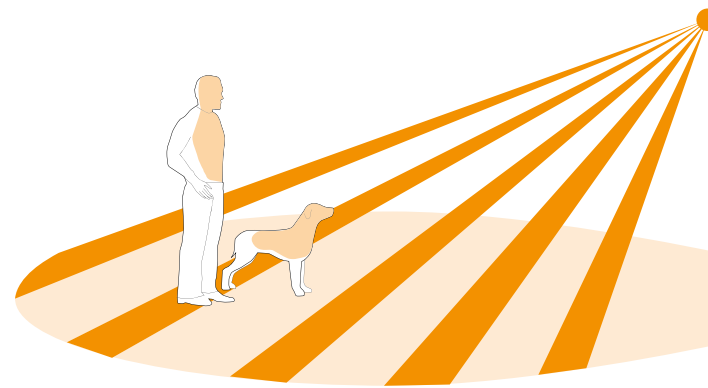
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In the event that manufacturing costs for ordered goods increase massively due to crises, bottlenecks on the raw materials markets and/or other unforeseeable events, we reserve the right to impose a surcharge on our prices in relation to the cost increase with prior notice.

Our 4 sensor technologies. The right solution for every application.

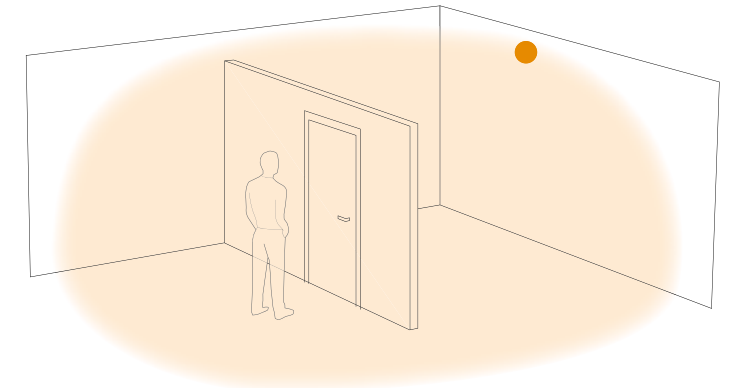
Passive infrared (PIR)

Reacts to moving heat sources.



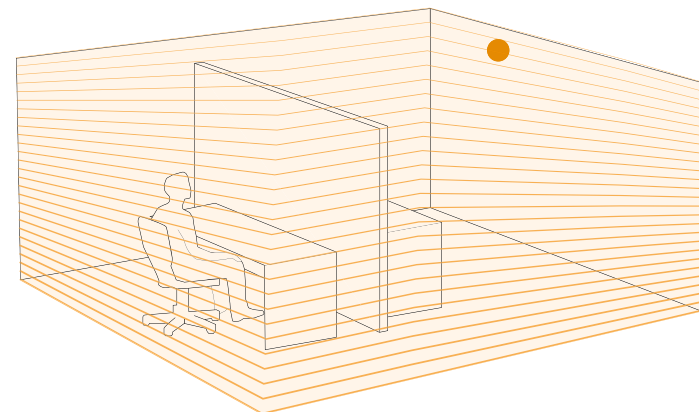
High frequency (HF)

Can even see through thin walls.



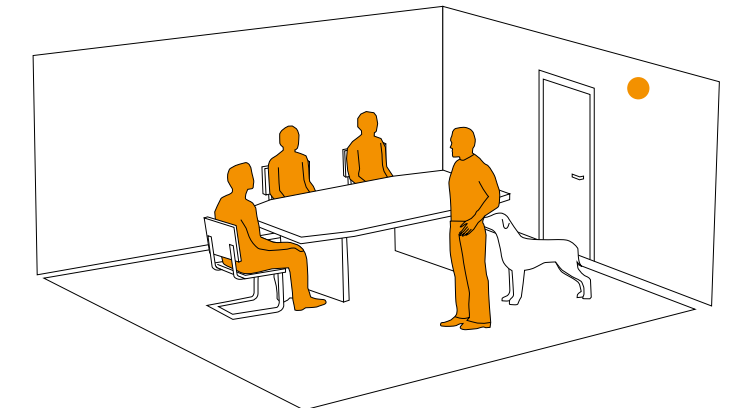
Ultrasound (US)

Fills the entire room and also detects even around objects.



Optical sensor

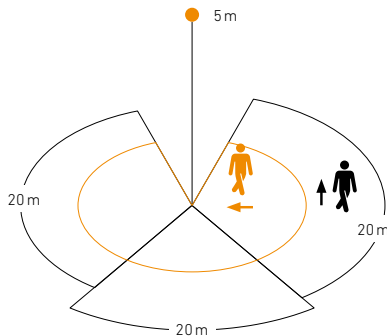
Only registers people and can also count them.



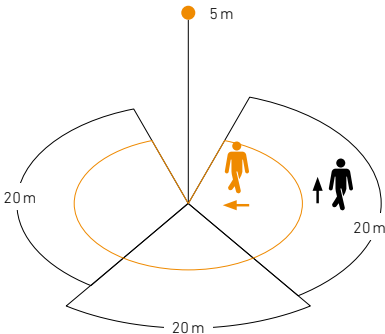
Sensors for outdoor use

Our sensors don't just
scratch the facade, they
provide an allround view.



sensIQ Infrared motion detector for wall, ceiling, corner   Orange: radial Black: tangential 3 scalable zones  Brightness  Movement	Article description <table border="1"> <tr> <td data-bbox="644 142 1240 189"> sensIQ, white </td><td data-bbox="1240 142 1383 189"> 4007841 059576 </td></tr> <tr> <td data-bbox="644 189 1240 235"> sensIQ, black </td><td data-bbox="1240 189 1383 235"> 4007841 059552 </td></tr> <tr> <td data-bbox="644 235 1240 281"> sensIQ, anthracite </td><td data-bbox="1240 235 1383 281"> 4007841 059538 </td></tr> </table> • Motion detector 300° with 3 pyros á 100° + creep protection • Max. 20m range • For indoor & outdoor use, IP 54, surface-mounted • Wall & ceiling mounting • Adjustable range 2-20m adjustable in 3 directions • Mounting height 2 - 5m • Light measurement 2 - 1000 lux • Current consumption 10 mA • Incl. bus coupler Motion detector with light sensor • 2 light channels & constant light controller with 2nd output in offset • Day/night switchover for different settings • Basic light function timed, brightness-based or as a switch-off pre-warning • Presence, near field & absence output • Single pyroanalysis • Brightness value & twilight switch • Logic gate • 5-year product guarantee • Product database: SensIQ Series V3.1	sensIQ, white	4007841 059576	sensIQ, black	4007841 059552	sensIQ, anthracite	4007841 059538
sensIQ, white	4007841 059576						
sensIQ, black	4007841 059552						
sensIQ, anthracite	4007841 059538						

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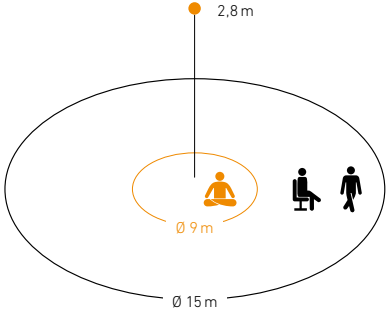
sensIQ S Infrared motion detector for wall, corner   Orange: radial Black: tangential 3 scalable zones  Brightness  Movement	Article description EAN <table border="1"> <tr> <td data-bbox="2092 155 2691 191"> sensIQ S, white </td><td data-bbox="2691 155 2852 191"> 4007841 059613 </td></tr> <tr> <td data-bbox="2092 205 2691 241"> sensIQ S, black </td><td data-bbox="2691 205 2852 241"> 4007841 059606 </td></tr> <tr> <td data-bbox="2092 256 2691 291"> sensIQ S, anthracite </td><td data-bbox="2691 256 2852 291"> 4007841 059583 </td></tr> </table> • Motion detector 300° with 3 pyros á 100° + creep protection • Max. 20m range • For indoor & outdoor use, IP 54, surface-mounted • Wall mounting • Range adjustable 2-20m mechanically adjustable in 3 directions • Mounting height 2 - 5m • Light measurement 2 - 1000 lux • Current consumption 10 mA • Incl. bus coupler Motion detector with light sensor • 2 light channels & constant light controller with 2nd output in offset • Day/night switchover for different settings • Basic light function timed, brightness-based or as a switch-off pre-warning • Presence, near field & absence output • Single pyroanalysis • Brightness value & twilight switch • Logic gate • 5-year product guarantee • Product database: SensIQ Series V3.1	sensIQ S, white	4007841 059613	sensIQ S, black	4007841 059606	sensIQ S, anthracite	4007841 059583
sensIQ S, white	4007841 059613						
sensIQ S, black	4007841 059606						
sensIQ S, anthracite	4007841 059583						

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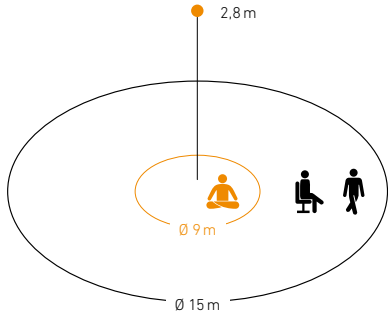
Sensors for indoor use

We limit the maximum detection range, but not your possibilities - multisensor technology from STEINEL.

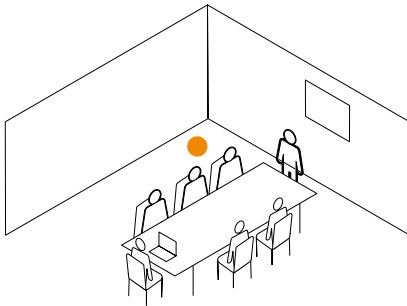


Article description		EAN
True Presence® Presence detector    Brightness  Temperature  Humidity  True Presence  Presence  Movement Orange: True Presence Black: Movement and presence	Flush-mounted True Presence®, white 4007841 056339 True Presence®, black 4007841 068516 Ceiling installation True Presence®, white 4007841 079451 Accessories Surface-mounted adapter KNX, white 4007841 063887 Surface-mounted adapter KNX, black 4007841 086039	
	• High-frequency presence detector 360° • For indoor use, IP 20, flush-mounted & ceiling installation • Surface-mounted, IP 20, via optional surface-mounted adapter • Ceiling mounting • Range max. Ø15m, centimeter-precise range adjustment, • Various detection scenarios (hotel room, office, industry) • Real presence detection based on True Presence technology • Mounting height 2 - 12m • Light measurement 10 - 1000 lux (no light measurement for black version) • Current consumption 30 mA • Incl. bus coupler With presence detector & light sensor • 4 light channels & constant light controller with 2nd output in offset • Day/night switchover for different settings • Basic light function timed, brightness-based or as a switch-off pre-warning • Presence & absence output • HVAC output • Brightness value & twilight switch output With temperature sensor • Mixed value calculation with external measured value possible (percentage) • Temperature value & switching threshold With humidity sensor • Mixed value calculation with external measured value possible (percentage) • Humidity value & switching threshold • Comfort output (DIN 1946) • Dewpoint calculation • Logic gate • 5-year product guarantee • Product database: True Presence V1.0	

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Article description		EAN
True Presence® Multisensor Presence detector and air quality sensor    CO2  Brightness  Temperature  Humidity  VOC  Air pressure (mbar)  True Presence  Presence  Movement Orange: True Presence Black: Movement and presence	Flush-mounted True Presence® Multisensor, white 4007841 056353 True Presence® Multisensor, black 4007841 086060 Accessories Surface-mounted adapter KNX, white 4007841 063870 Surface-mounted adapter KNX, black 4007841 086022	
	• Multisensor with integrated 360° high-frequency pressure detector • For indoor use, IP 20, flush-mounted • Surface-mounted and ceiling installation (IP 20 each) via optional adapter • Ceiling mounting • Range max. Ø15m, centimetre-precise range adjustment, various detection scenarios (hotel room, office, industry) • Real presence detection based on True Presence technology • Mounting height 2 - 12m • Light measurement 10 - 1000 lux (no light measurement for black version) • Current consumption 40 mA • Incl. bus coupler With presence detector & light sensor • 4 light channels & constant light controller with 2nd output in offset • Day/night switchover for different settings • Basic light function timed, brightness-based or as a switch-off pre-warning • Presence & absence output • HVAC output • Brightness value & twilight switch output With temperature sensor • Mixed value calculation with external measured value possible (percentage) • Temperature value & switching threshold With humidity sensor • Mixed value calculation with external measured value possible (percentage) • Humidity value & switching threshold • Comfort output (DIN 1946) • Dewpoint calculation With CO2 sensor • Output CO2 value & switching threshold With VOC sensor • Output VOC value & switching threshold • HVAC output depending on presence and/or CO2 & VOC With air pressure sensor • Output normal pressure & barometric pressure • Logic gate • 5-year product guarantee • Product database: True Presence Multisensor V1.0	

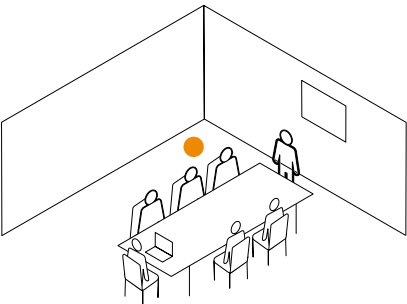
Homepage	Data sheet	ETS application	Application description
			

Multisensor Air Air quality sensor    CO2  Brightness  Temperature  Humidity  VOC  Air pressure (mbar)	Article description EAN Flush-mounted Multisensor Air, white 4007841 056346 Accessories Surface-mounted adapter KNX 4007841 063870 • Multisensor for air quality measurement • For indoor use, IP 20, flush-mounted • Surface-mounted and ceiling installation, IP 20 each, via optional adapter • Ceiling mounting • Power consumption 15 mA • Incl. bus coupler • With light sensor • Brightness value output • With temperature sensor • Mixed value calculation with external measured value possible (percentage) • Temperature value & switching threshold • With humidity sensor • Mixed value calculation with external measured value possible (percentage) • Humidity value & switching threshold • Comfort output (DIN 1946) • Dewpoint calculation • With CO2 sensor • Output CO2 value & switching threshold • With VOC sensor • Output VOC value & switching threshold • HVAC output as a function of CO2 and/or VOC • With air pressure sensor • Output normal pressure & barometric pressure • Logic gate • Aerosol version with stale air output & risk of infection • 5-year product guarantee • Product database: Multisensor Air V1.0
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Homepage	Data sheet	ETS application	Application description
			

Multisensor Aerosol

Air quality sensor





CO2



Brightness



Temperature



Humidity



VOC



Air pressure (mbar)



Risk of infection

Flush-mounted

Multisensor Aerosol, white4007841 079192

Accessories

Surface-mounted adapter KNX, white4007841 063870

Surface-mounted adapter KNX, black4007841 086022

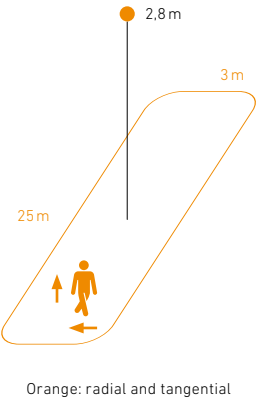
- Multi-sensor for air quality measurement
- For indoor use, IP 20, flush-mounted
- Surface-mounted and ceiling installation each IP 20 via optional adapter
- Ceiling mounting

- Power consumption 15 mA
- Incl. bus coupler
- With light sensor
 - Brightness value output
- With temperature sensor
 - Mixed value calculation with external measured value possible (percentage)
 - Temperature value
- With humidity sensor
 - Mixed value calculation with external measured value possible (percentage)
 - Humidity value & switching threshold
 - Comfort output (DIN 1946)
 - Dewpoint calculation
- With CO2 sensor
 - Output CO2 value & switching threshold
- Mit VOC-Sensor
 - Output VOC value & switching threshold
 - HVAC output as a function of CO2 and/or VOC
- With air pressure sensor
 - Output normal pressure & barometric pressure
 - Logic gate
- Aerosol version with stale air output & risk of infection
 - 5-year product guarantee
 - Product database: Multisensor Aerosol V1.0

Sensors for indoor use

Hallway

High-frequency hallway & corridor presence detector





Brightness



Temperature



Humidity



Movement

Flush-mounted

Hallway, white4007841 079086

Hallway, black4007841 082079

Surface-mounted

Hallway, white4007841 079079

Hallway, black4007841 082062

Ceiling installation

Hallway, white4007841 079475

- High-frequency corridor presence detector
- For indoor use, IP 20, flush-mounted, surface-mounted & ceiling installation

- Range max. 25x3m, electronic range adjustment per side, sensitivity adjustment
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux (no light measurement with black version)
- Current consumption 30 mA
- Incl. bus coupler

- With presence detector & light sensor
- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & switching threshold- With temperature sensor
- Mixed value calculation with external measured value possible (percentage)
- Temperature value & switching threshold- With humidity sensor
- Mixed value calculation with external measured value possible (percentage)
- Humidity value & switching threshold
- Comfort output (DIN 1946)
- Dewpoint calculation
- Logic gate- 5-year product guarantee
- Product database: Control PRO 2 V3.5

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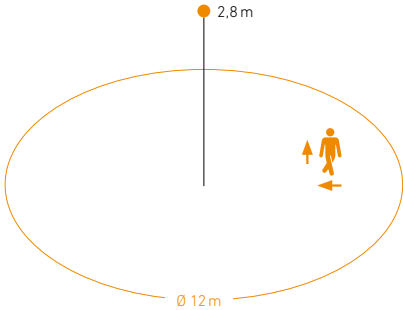
Article description

EAN

HF 360-2

High-frequency presence detector







Brightness



Temperature



Humidity



Presence



Movement

Orange: radial and tangential

Flush-mounted

HF 360-2, white

4007841 064303

Surface-mounted

HF 360-2, white

4007841 064860

Ceiling installation

HF 360-2, white

4007841 079437

- High-frequency presence detector 360°
- For indoor use, IP 20, flush-mounted, surface-mounted & ceiling installation

- Range max. Ø12m, electronic range adjustment, sensitivity setting
- Mounting height 2.5 - 10m
- Light measurement 10 - 1000 lux
- Current consumption 30 mA
- Incl. bus coupler

With presence detector & light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & switching threshold

With temperature sensor

- Mixed value calculation with external measured value possible (percentage)
- Temperature value & switching threshold

With humidity sensor

- Mixed value calculation with external measured value possible (percentage)
- Humidity value & switching threshold
- Comfort output (DIN 1946)
- Dewpoint calculation
- Logic gate
- 5-year product guarantee
- Product database: Control PRO 2 V3.5

Homepage



Data sheet



ETS application



Application description



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Sensors for indoor use

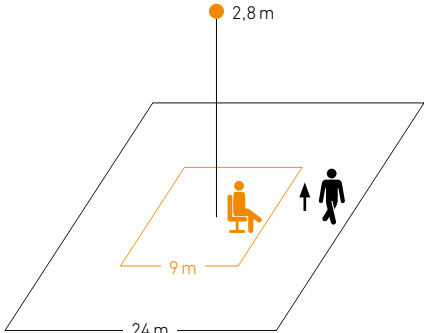
Article description

EAN

IR Quattro HD-2

Infrared presence detector







Brightness



Temperature



Humidity



Presence



Movement

Orange: radial and tangential

Flush-mounted

IR Quattro HD-2, white

4007841 064846

Surface-mounted

IR Quattro HD-2, white

4007841 064853

Ceiling installation

IR Quattro HD-2, white

4007841 079413

- Presence detector 360° with 4 pyros
- For indoor use, IP 20, flush-mounted, surface-mounted & ceiling installation

- Range max. 24 x 24 m, mechanical range adjustment, sensitivity adjustment
- Mounting height 2.5 - 10m
- Light measurement 10 - 1000 lux
- Power consumption 10 mA
- Incl. bus coupler

With presence detector & light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- Single pyroanalysis
- HVAC output
- Brightness value & switching threshold

With temperature sensor

- Mixed value calculation with external measured value possible (percentage)
- Temperature value & switching threshold

With humidity sensor

- Mixed value calculation with external measured value possible (percentage)
- Humidity value & switching threshold
- Comfort output (DIN 1946)
- Dewpoint calculation
- Logic gate
- 5-year product guarantee
- Product database: Control PRO 2 V3.5

Homepage



Data sheet



ETS application



Application description



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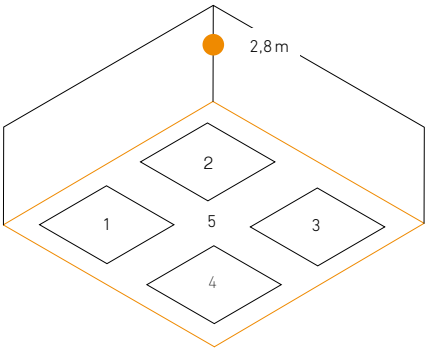
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Article description

EAN

HPD 2

Optical sensor





Number of persons



Brightness



Temperature



Humidity

Surface-mounted

HPD 2, white

4007841 033200

- Optical sensor - People Counting
- For indoor use, IP 20, surface-mounted
- Wall mounting

- Range max. 10m,
- Mounting height 2.3 - 6m
- Light measurement 2 - 1000 lux
- Power consumption 10 mA + additional power supply
- Incl. bus coupler
- Optical sensor
- Output of the presence & number of people for 5 individually definable zones
- Output of total presence or several zones
- Threshold switch Total number of persons
- HVAC output depending on the number of people
- With light sensor
 - Constant light controller & ambient light function per zone
 - Basic lighting function based on time or brightness
- With temperature sensor
 - Output measured value temperature
- With humidity sensor
 - Output measured value humidity
- 5-year product guarantee
- Product database: HPD 2 KNX V1.00

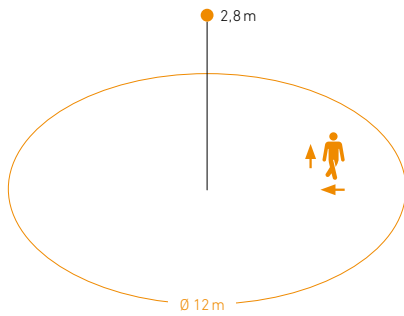
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Article description

EAN

PD-24 ECO

Infrared presence detector





Brightness



Presence



Movement

Flush-mounted

PD-24 ECO, white

4007841 088057

PD-24 ECO, black

4007841 088040

Surface-mounted

PD-24 ECO, white

4007841 088019

PD-24 ECO, black

4007841 088002

Ceiling installation

PD-24 ECO, white

4007841 088033

PD-24 ECO, black

4007841 088026

- Presence detector 360° with 3 pyros
- For indoor use, IP 20, flush-mounted, surface-mounted & ceiling installation

- Radial max. Ø 5 m (20 m2), tangential max. Ø 24 m (471 m2), Presence max. Ø 7.5 m (44 m2)
- Mounting height 2 - 4m
- Light measurement 10 - 1000 lux
- Power consumption 15 mA
- Incl. bus coupler

With presence detector & light sensor

- 2 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Generation 4000 V3.1

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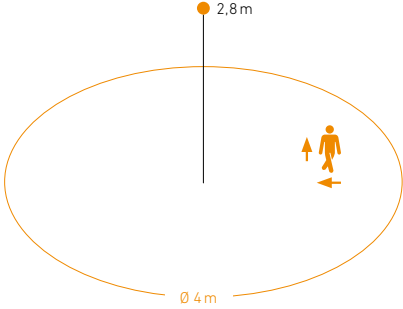
Article description

EAN

PD-8 ECO

Infrared presence detector





Brightness

Presence

Movement

Flush-mounted	
PD-8 ECO, white	4007841 087999
PD-8 ECO, black	4007841 087982
Surface-mounted	
PD-8 ECO, white	4007841 087951
PD-8 ECO, black	4007841 087944
Ceiling installation	
PD-8 ECO, white	4007841 087975
PD-8 ECO, black	4007841 087968

- Presence detector 360° with 1 pyro
- For indoor use, IP 20, flush-mounted, surface-mounted & ceiling installation

- Radial max. Ø 4.5 m (16 m²), tangential max. Ø 8 m (50 m²), Presence max. Ø 6 m (28 m²)
- Mounting height 2 - 4m
- Light measurement 10 - 1000 lux
- Power consumption 15 mA
- Incl. bus coupler

With presence detector & light sensor

- 2 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Generation 4000 V3.1

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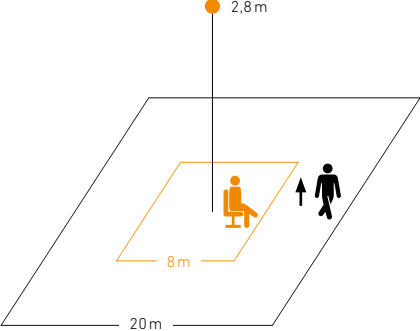
Article description

EAN

IR Quattro HD 24m

Infrared presence detector





Brightness

Temperature

Humidity

Presence

Movement

Flush-mounted	
IR Quattro HD, white	4007841 058470
IR Quattro HD, black	4007841 068622
Ceiling installation	
IR Quattro HD, white	4007841 079383

- Presence detector 360° with 4 pyros
- For indoor use, IP 20, flush-mounted & ceiling installation
- Surface-mounted IP 54 via optional surface-mounted adapter

- Range max. 20 x 20m, mechanical range adjustment, sensitivity adjustment
- Mounting height 2.5 - 10m
- Light measurement 10 - 1000 lux
- Power consumption 10 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Control PRO V3.1

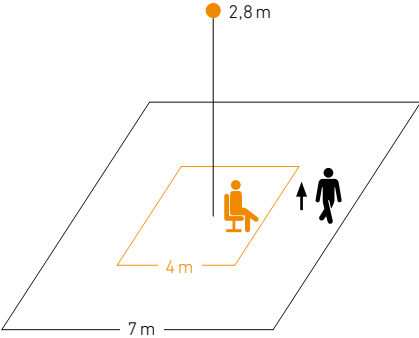
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Article description

EAN

IR Quattro 8m

Infrared presence detector



Orange: Presence
Black: tangential

Brightness

Presence

Movement

Flush-mounted

[IR Quattro 8m, white](#)

4007841 058487

Ceiling installation

[IR Quattro 8m, white](#)

4007841 079390

- Presence detector 360°
- For indoor use, IP 20, flush-mounted & ceiling installation
- Surface-mounted IP 54 via optional surface-mounted adapter
- Ceiling mounting

- Range max. 7 x 7m, mechanical range adjustment, sensitivity adjustment
- Mounting height 2.5 - 8m
- Light measurement 10 - 1000 lux
- Power consumption 10 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Control PRO V3.1

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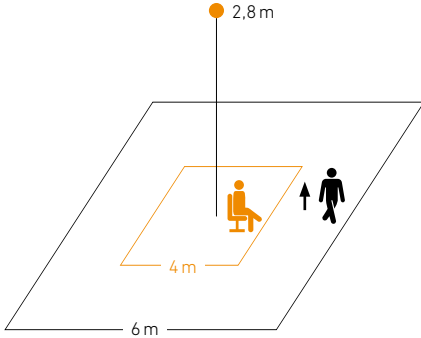
Sensors for indoor use

Article description

EAN

IR Quattro MICRO 6m

Infrared presence detector



Orange: Presence
Black: tangential

Brightness

Presence

Movement

Ceiling installation

[IR Quattro MICRO 6m, white](#)

4007841 064129

[IR Quattro MICRO 6m, black](#)

4007841 068646

- Mini presence detector 360°
- For indoor use, IP 65, Ceiling installation
- Ceiling mounting

- Range max. 6 x 6m
- Mounting height 2.5 - 6m
- Light measurement 10 - 1000 lux
- Power consumption 10 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: IR Quattro Micro V3.1

Homepage	Data sheet	ETS application	Application description
			

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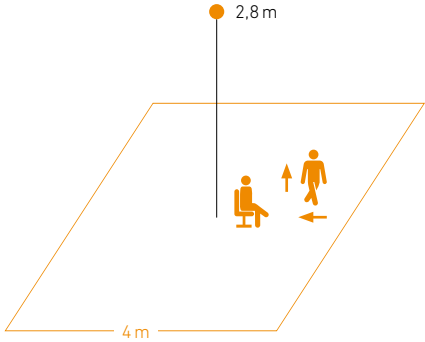
Article description

EAN

IR Quattro SLIM 4m

Infrared presence detector





Orange: Presence, tangential and radial



Brightness



Presence



Movement

Ceiling installation

IR Quattro SLIM 4m, white

4007841 058494

- Flat presence detector 360°
- For indoor use, IP 20, flush-mounted & ceiling installation
- Ceiling mounting

- Range max. 4 x 4m, can be restricted via stickers
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux
- Power consumption 10 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- Ceiling installation in Ø68mm Bohrloch
- 5-year product guarantee
- Product database: IR Quattro SLIM KNX V3.1

Homepage	Data sheet	ETS application	Application description
			

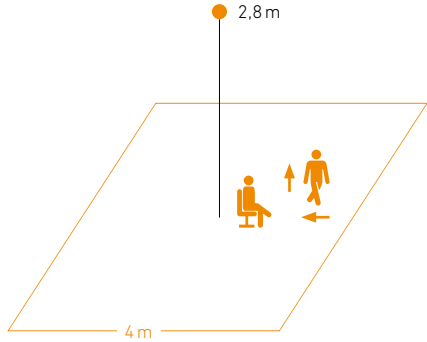
Article description

EAN

IR Quattro SLIM XS 4m

Infrared presence detector





Orange: Presence, tangential and radial



Brightness



Presence



Movement

Flush-mounted

IR Quattro SLIM XS 4m, white

4007841 058500

IR Quattro SLIM XS 4m, black

4007841 082260

- Flat presence detector 360°
- For indoor use, IP 20, flush-mounted & ceiling installation

- Range max. 4 x 4m, can be restricted via stickers
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux
- Power consumption 10 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- Installation box
- 5-year product guarantee
- Product database: IR Quattro SLIM KNX V3.1

Homepage	Data sheet	ETS application	Application description
			

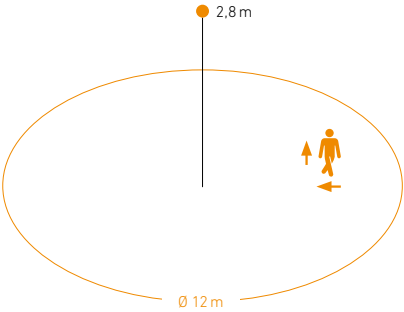
Article description

EAN

HF 360

High-frequency presence detector







Brightness



Presence



Movement

Flush-mounted

HF 360, white

4007841 059484

HF 360, black

4007841 082277

Ceiling installation

HF 360, white

4007841 079536

- High-frequency presence detector 360°
- For indoor use, IP 20, flush-mounted & ceiling installation
- Surface-mounted IP 54 via optional surface-mounted adapter
- Ceiling mounting

- Range max. Ø12m, electronic sensitivity adjustment
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux
- Current consumption 30 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Control PRO V3.1

Homepage	Data sheet	ETS application	Application description
			

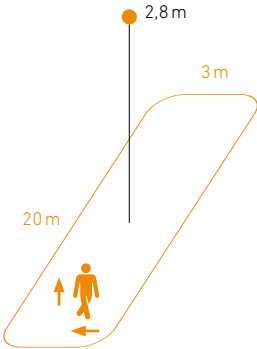
Article description

EAN

Dual HF

High-frequency hallway & corridor presence detector







Brightness



Presence



Movement

Flush-mounted

Dual HF, white

4007841 059477

Ceiling installation

Dual HF, white

4007841 079505

- High-frequency corridor presence detector
- For indoor use, IP 20, flush-mounted & ceiling installation
- Surface-mounted IP 54 via optional surface-mounted adapter
- Ceiling mounting

- Range max. 20x3m, electronic sensitivity adjustment
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux
- Current consumption 30 mA
- Incl. bus coupler

Presence detector with light sensor

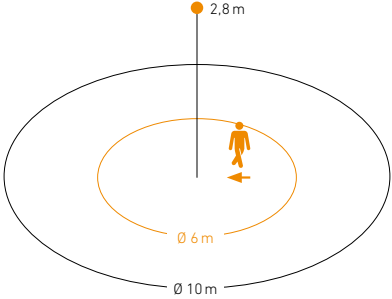
- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Control PRO V3.1

Homepage	Data sheet	ETS application	Application description
			

DualTech

Ultrasonic & infrared presence detector





Orange: Presence and tangential
Black: radial



Brightness



Presence



Movement

Article description

EAN

Flush-mounted	
Dual Tech, white	4007841 059521
Ceiling installation	
Dual Tech, white	4007841 079581

- DualTech presence detector 360° infrared & ultrasonic
- For indoor use, IP 20, flush-mounted & ceiling installation
- Surface-mounted IP 54 via optional surface-mounted adapter
- Ceiling mounting

- Range max. Ø10m, electronic sensitivity adjustment
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux
- Power consumption 17,5 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Control PRO V3.1

Homepage	Data sheet	ETS application	Application description
			

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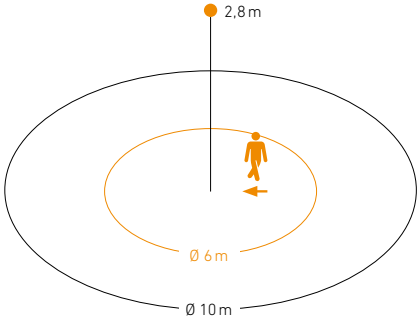
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Sensors for indoor use

US 360

Ultrasonic presence detector





Orange: radial
Black: Presence and tangential



Brightness



Presence



Movement

Article description

EAN

Flush-mounted	
US 360, white	4007841 059514
Ceiling installation	
US 360, white	4007841 079628

- 360° ultrasonic presence detector
- For indoor use, IP 20, flush-mounted & ceiling installation
- Surface-mounted IP 54 via optional surface-mounted adapter
- Ceiling mounting

- Range max. Ø10m, electronic sensitivity adjustment
- Mounting height 2.5 - 4m
- Light measurement 10 - 1000 lux
- Power consumption 17,5 mA
- Incl. bus coupler

Presence detector with light sensor

- 4 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Control PRO V3.1

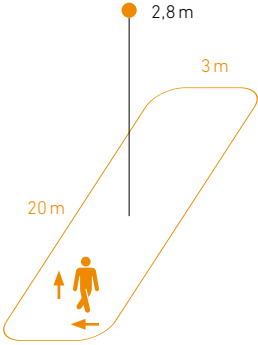
Homepage	Data sheet	ETS application	Application description
			

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Dual US

Ultrasonic presence detector



Orange: radial and tangential



Brightness



Presence

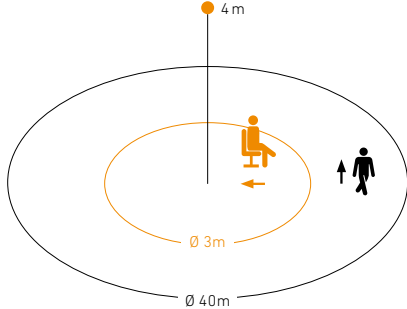


Movement

Flush-mounted	
Dual US, white	4007841 059491
Ceiling installation	
Dual US, white	4007841 079604
- Ultrasonic corridor presence detector - For indoor use, IP 20, flush-mounted & ceiling installation - Surface-mounted IP 20 via optional surface-mounted adapter - Ceiling mounting - Range max. 20x3m, electronic sensitivity adjustment - Montagehöhe 2,5 - 4m - Light measurement 10 - 1000 lux - Power consumption 17,5 mA - Incl. bus coupler Presence detector with light sensor 4 light channels & constant light controller with 2nd output in offset - Day/night switchover for different settings - Basic light function timed, brightness-based or as a switch-off pre-warning - Presence & absence output - HVAC output - Brightness value & twilight switching threshold - Logic gate 5-year product guarantee - Product database: Control PRO V3.1	

IS 3360

Infrared motion & presence detector



Orange: Presence
Black: tangential



Brightness



Presence



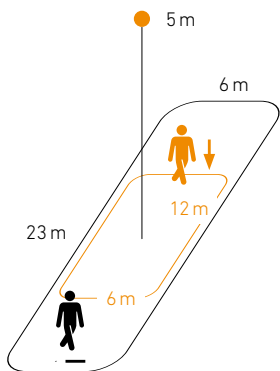
Movement

Surface-mounted	
IS 3360, round, white	4007841 058180
IS 3360, round, black	4007841 068585
IS 3360, angular, white	4007841 058166
IS 3360, angular, black	4007841 068561
Flush-mounted	
IS 3360, round, white	4007841 058197
IS 3360, round, black	4007841 068592
IS 3360, angular, white	4007841 058173
IS 3360, angular, black	4007841 068578
Ceiling installation	
IS 3360, round, white	4007841 079666
IS 3360, angular, white	4007841 079642
- Presence & motion detector 360° with 3 pyros - For indoor & outdoor use - Surface-mounted IP 54 - Flush-mounted / Ceiling installation IP 20 - Ceiling mounting - Range max. Ø40m, can be limited by cover plate - Mounting height 2.5 - 4m - Light measurement 2 - 1000 lux - Power consumption 12,5 mA - Incl. bus coupler Presence & motion detector with light sensor 2 light channels & constant light controller with 2nd output in offset - Day/night switchover for different settings - Basic lighting function timed, brightness-based or as a switch-off warning - Presence & absence output - HVAC output - Brightness value & twilight switching threshold - Logic gate 5-year product guarantee - Product database: Generation 3000 V3.1	

IS 345

Infrared aisle motion detector





 Brightness

 Movement

Article description

EAN

Surface-mounted	
IS 345, round, white	4007841 058272
IS 345, round, black	4007841 084158
IS 345, angular, white	4007841 058258
IS 345, angular, black	4007841 084134
Flush-mounted	
IS 345, round, white	4007841 058289
IS 345, round, black	4007841 084165
IS 345, angular, white	4007841 058265
IS 345, angular, black	4007841 084141
Ceiling installation	
IS 345, round, white	4007841 079703
IS 345, angular, white	4007841 079680

- Corridor motion detector with 2 pyros
- For indoor & outdoor use
- Surface-mounted IP 54
- Flush-mounted / Ceiling installation IP 20
- Ceiling mounting

- Range max. 23 x 6m, can be restricted by cover panel
- Mounting height 2.5 - 5m
- Light measurement 2 - 1000 lux
- Power consumption 12,5 mA
- Incl. bus coupler

Motion detector with light sensor

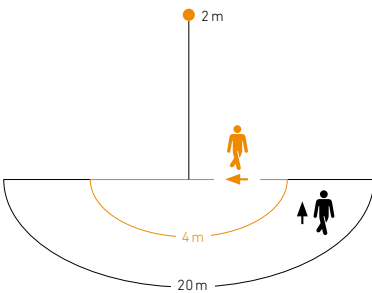
- 2 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Generation 3000 V3.1

Homepage	Data sheet	ETS application	Application description
			

IS 3180

Infrared motion detector





 Brightness

 Movement

Article description

EAN

Surface-mounted	
IS 3180 AP, white	4007841 058135
Flush-mounted	
IS 3180 UP, white	4007841 058142
Accessories	
Corner wall bracket, white	4007841 035174
Corner wall bracket, black	4007841 648015

- Motion detector 180° with 2 pyros
- For indoor & outdoor use, surface-mounted, IP 54, flush-mounted IP20
- Wall mounting

- Range max. 20m, can be limited by cover plate, max. 12m range by turning the lens
- Mounting height 1.8 - 2.5m
- Light measurement 2 - 1000 lux
- Power consumption 12,5 mA
- Incl. bus coupler

Motion detector with light sensor

- 2 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Generation 3000 V3.1

Homepage	Data sheet	ETS application	Application description
			

Article description

EAN

IS 3360 MX Highbay

Infrared motion detector



Surface-mounted

IS 3360 MX Highbay, angular, white

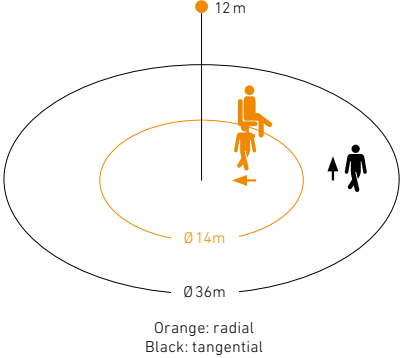
4007841 058364

- 360° motion detector with 3 pyros for great heights (up to 14m)
- For indoor use, IP 54, surface-mounted
- Ceiling mounting

- Range max. Ø36m, can be limited by cover plate
- Mounting height 4 - 14m
- Light measurement 2 - 1000 lux
- Power consumption 12,5 mA
- Incl. bus coupler

Motion detector with light sensor

- 2 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Generation 3000 V3.1



Orange: radial
Black: tangential



Brightness



Movement

Article description

EAN

IS 345 MX Highbay

Infrared motion detector



Surface-mounted

IS 345 MX, angular, white

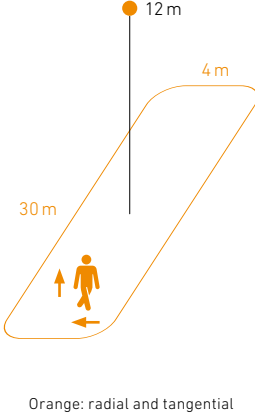
4007841 058296

- Corridor motion detector 360° with 2 pyros
- For great heights (up to 14m)
- For indoor use, IP 54, surface-mounted
- Ceiling mounting

- Range max. 30 x 4m, can be limited by cover panel
- Mounting height 4 - 14m
- Light measurement 2 - 1000 lux
- Power consumption 12,5 mA

Motion detector with light sensor

- 2 light channels & constant light controller with 2nd output in offset
- Day/night switchover for different settings
- Basic light function timed, brightness-based or as a switch-off pre-warning
- Presence & absence output
- HVAC output
- Brightness value & twilight switching threshold
- Logic gate
- 5-year product guarantee
- Product database: Generation 3000 V3.1



Orange: radial and tangential



Brightness



Movement

Homepage	Data sheet	ETS application	Application description
			

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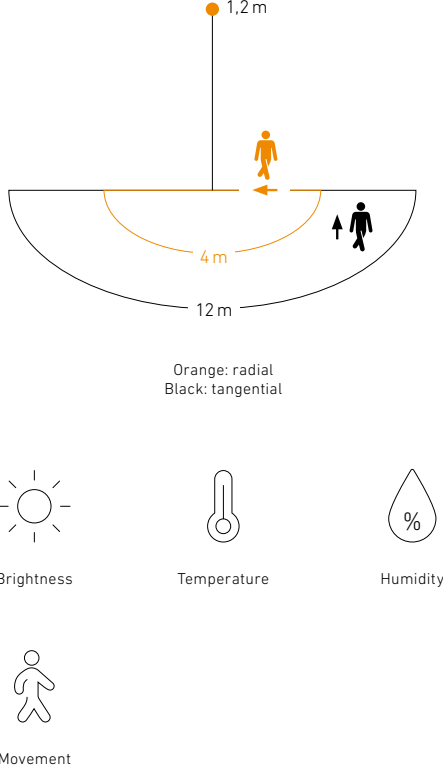
Homepage	Data sheet	ETS application	Application description
			

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Article description		EAN
Light Sensor Dual Light sensor/controller  Brightness	Flush-mounted	
	Light Sensor Dual, round	4007841 058340
	Light Sensor Dual, angular	4007841 058326
	• DUAL brightness sensor • For indoor & outdoor use, flush-mounted (IP 20) • Ceiling mounting • Measurement via 2 brightness sensors • Light measurement 2 - 1,000 lux • Power consumption 12,5 mA • Incl. bus coupler • Light sensor • Brightness value & twilight switching threshold • 2 constant light controllers • Day/night switchover for different settings • Logic gate • 5-year product guarantee • Product database: Generation 3000 V3.1	

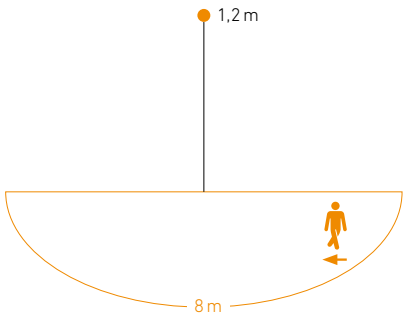
Homepage	Data sheet	ETS application	Application description
			

Article description		EAN
IR 180 Infrared presence switch 	IR 180, white	4007841 058463
	Accessories	
	Adapter frame Busch-Jaeger (carat / solo / Busch-axcent / future linear / pur stainless steel), white	4007841 034139
	Adapter frame Jung (A500 / AS500), white	4007841 034184
	Feller adapter frame (EDIZIOdue), white	4007841 034160
	• Presence switch 180° with temperature and humidity measurement • For indoor use, IP 20, flush-mounted in switch box • Wall mounting • Range max. 12m, electronic range adjustment • Mounting height 1.2m • Light measurement 10 - 2000 lux • Power consumption 12,5 mA • Incl. bus coupler With pressure switch & light sensor • 4 light channels & constant light controller with 2nd output in offset • Day/night switchover for different settings • Basic light function timed, brightness-based or as a switch-off pre-warning • Presence & absence output • Single pyroanalysis • HVAC output • Brightness value & twilight switching threshold With temperature sensor • Mixed value calculation with external measured value possible (percentage) • Temperature value & limit switching threshold With humidity sensor • Mixed value calculation with external measured value possible (percentage) • Humidity value & limit switch output • Comfort output (DIN 1946) • Dewpoint calculation With integrated push-button • Internal switching sensor, switching/dimming, blind control, value transmitter, scene • Logic gate • 5-year product guarantee • Product database: Presence switch V3.1	

Homepage	Data sheet	ETS application	Application description
			

HF 180

High-frequency presence switch



Orange: tangential



Brightness



Temperature



Humidity



Movement

Article description		EAN
HF 180, white		4007841 059460
Accessories		
Adapter frame Busch-Jaeger (carat / solo / Busch-axcent / future linear / pur stainless steel), white	4007841 034139	
Adapter frame Jung (A500 / AS500), white	4007841 034184	
Feller adapter frame (EDIZIOdue), white	4007841 034160	
• Presence switch 180° with temperature and humidity measurement • For indoor use, IP 20, flush-mounted in switch box • Wall mounting • Range max. 8m, electronic range adjustment • Mounting height 1.2 - 2m • Light measurement 10 - 1000 lux • Power consumption 12,5 mA • Incl. bus coupler With pressure switch & light sensor • 4 light channels & constant light controller with 2nd output in offset • Day/night switchover for different settings • Basic light function timed, brightness-based or as a switch-off pre-warning • Presence & absence output • Single pyroanalysis • HVAC output • Brightness value & twilight switching threshold With temperature sensor • Mixed value calculation with external measured value possible (percentage) • Temperature value & limit switching threshold With humidity sensor • Mixed value calculation with external measured value possible (percentage) • Humidity value & limit switch output • Comfort output (DIN 1946) • Dewpoint calculation With integrated push-button • Internal switching sensor, switching/dimming, blind control, value transmitter, scene • Logic gate • 5-year product guarantee • Product database: Presence switch V3.1		

Homepage	Data sheet	ETS application	Application description
			

System components

Guidance protection for our
sensor technology. System
components now also
available from STEINEL.



Secure



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Homepage	Data sheet	ETS application	Application description
			

	Article description	EAN
P1280 KNX Power supply  5 years Manufacturer's warranty	P1280 KNX 4007841 085667 • KNX bus power supply • Top-hat rail mounting, installation width 108mm (6 MW) • 1280mA power supply for supplying a KNX TP line • Additional second output with unchoked voltage • Max. Current 1280mA applies to bus voltage + auxiliary voltage output • LEDs for status display • Suitable for operation in systems with emergency power supply • Potential-free signalling contact for operating and diagnostic messages • Incl. bus coupler for TP bus power supply • 5-year product guarantee • Product database: no application programme is required Technical data • Nominal voltage: AC 200 ... 240 V ~ • Mains frequency: 50/60 Hz • Power loss (Max. load of all outputs): max. 6.4 W • Efficiency: ca. 86 % • Nominal voltage: DC 240 ... 250 V • KNX • KNX Medium: TP 256 • Bus output voltage: DC 28 ... 31 V SELV • Output current: 1.280 mA (All outputs) • Short-circuit current: max. 3 A • Parallel operation with identical power supply: no • Signal output • Switching voltage AC: AC 12 ... 230 V ~ • Switching voltage DC: DC 2 ... 30 V • Switching current: 5 mA ... 2 A • Ambient temperature: -5 ... +45 °C • Storage/transport temperature: -25 ... +75 °C • Relative humidity: max. 93 % (No condensation)	

Homepage	Data sheet	ETS application	Application description
			

Article description

EAN

ALC100 KNX-S

Area/Line coupler Secure



• Area/line coupler

• KNX Data Secure

• Top-hat rail mounting, installation width 18mm (1 MW)

• Connects two KNX lines / segments / areas with each other in terms of data with each other and ensures galvanic isolation between these lines / segments / areas

• Can be operated as an area coupler, line coupler or segment coupler

• KNX Data Secure compatible from ETS 5.7.7 or from ETS 6.1.0

• **Secure proxy for connecting an unencrypted and encrypted line**

• Galvanic separation between higher-level and subordinate line

• Manual operation to deactivate the filter functions

• **5-year product guarantee**

• Product database: Area line coupler ALC100 KNX-S

Area line segment coupler or area line coupler/amplifier

Technical data

• Ambient temperature:

–5 ... +45 °C

• Storage/transport temperature:

–25 ... +70 °C

• Protection class:

III

• KNX Medium:

TP 256

• Commissioning mode:

S-Mode

• Nominal voltage KNX:

DC 21 ... 32 V SELV

Power consumption KNX

• superordinate line:

ca. 9 mA

• subordinate line:

ca. 5 mA

• Connection type:

Connection terminal

USB100 KNX-S

Area/Line coupler Secure



• USB interface

• Top-hat rail mounting, installation width 36mm (2 MW)

• USB interface for connecting PC and KNX systems

• Addressing, programming and diagnosis of KNX devices

• Compatible with KNX Data Secure products

• Fast download of applications (long frame support from ETS5)

• Compatible with ETS4, ETS5 (and higher)

• Incl. bus coupler

• **5-year product guarantee**

• Product database: USB Interface USB100-KNX

Technical data

• KNX Medium:

TP 256

• Supply:

via PC USB port

• Connection

Connection KNX:

Connection terminal

USB port:

USB socket, type B

• Transmission rate:

9600 Baud

• Transmission protocol:

compatible with USB 1.1/2.0

• Cable length USB cable:

max. 5 m

• Ambient temperature:

–5 ... +45 °C

• Storing temperature:

–25 ... +70 °C

• Protection class:

II

Secure

5 years

Manufacturer's warranty

Homepage	Data sheet	ETS application	Application description
			

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Article description

EAN

USB100 KNX

USB interface



• USB interface

• Top-hat rail mounting, installation width 36mm (2 MW)

• USB interface for connecting PC and KNX systems

• Addressing, programming and diagnosis of KNX devices

• Compatible with KNX Data Secure products

• Fast download of applications (long frame support from ETS5)

• Compatible with ETS4, ETS5 (and higher)

• Incl. bus coupler

• **5-year product guarantee**

• Product database: USB Interface USB100-KNX

Technical data

• KNX Medium:

TP 256

• Supply:

via PC USB port

• Connection

Connection KNX:

Connection terminal

USB port:

USB socket, type B

• Transmission rate:

9600 Baud

• Transmission protocol:

compatible with USB 1.1/2.0

• Cable length USB cable:

max. 5 m

• Ambient temperature:

–5 ... +45 °C

• Storing temperature:

–25 ... +70 °C

• Protection class:

II

Secure

5 years

Manufacturer's warranty

Homepage	Data sheet	ETS application	Application description
			

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Depending on the parameterisation, the actuator can be used as a switching actuator or as a blind actuator. Mixed forms of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form a blind output.

Product features

- Outputs can be operated manually, construction site operation
- Feedback in manual mode and bus mode
- Disable individual outputs manually or by bus
- Central functions
- Cyclical monitoring
- KNX Data Secure compatible from ETS 5.7.3
- Updateable with the Steinel ETS service app
- Mounting on top-hat rail according to DIN EN 60715 in sub-distribution boards

Features switch operation

- Normally open or normally closed operation
- Feedback function
- Logical linking and forced guidance
- Central switching function with collective feedback
- Time functions: Switch-on, switch-off delay, staircase light switch with switch-off warning
- Scene function
- Operating hours counter

Blind operation properties

- Suitable for 230 V AC motors
- Operating modes "Blind with slat", "shutter/awning", "Ventilation flap/skylight"
- Blind/shutter position directly controllable
- Slat position directly controllable
- Feedback of movement status, blind/shutter position and slat position
- Cyclical feedback during movement
- Forced position due to higher-level control
- Safety function: rain alarm, frost alarm, 3 independent wind alarms
- Sun protection function with automatic heating/cooling
- Scene function

Only load neighbouring outputs to the extent that the sum of their output currents does not exceed 20 A.

UA6 KNX-S

Universal actuator 6/3gang Secure



Secure

5 years

Manufacturer's warranty

Article description

EAN

UA6 KNX-S		4007841 089160
• KNX switching actuator 6-gang / 3-gang blind actuator • KNX Data Secure • Top-hat rail mounting, installation width 72mm (4 MW) • Switching electrical loads with potential-free contacts • Switching electrically operated blinds, blinds, awnings and similar hangings • Power consumption KNX: 4 to 18mA • 5-year product guarantee • Product database: Universal Actuator UA6 KNX-S Technical data • Ambient temperature: -5 ... +45 °C • Storage/transport temperature: -25 ... +70 °C • KNX - KNX Medium: TP 256 - Nominal voltage KNX: DC 21 ... 32 V SELV • Outputs - Switching voltage: AC 250 V ~ - Switching current AC1 (cos > 0,8): 16 A - Fluorescent lamps: 16 AX • Loads per output - Ohmic load: 3000 W - Capacitive load: 16 A / 140 µF - Motors: 1380 VA - Inrush current 200 µs: max. 800 A - On Switching current 20 ms: max. 165 A • Lamp loads 230 V - Incandescent lamps: 2300 W - HV halogen lamps: 2500 W - HV LED lamps: max. 400 W • LV halogen lamps with - electronic transformers: 1500 W - inductive transformers: 1200 VA		

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EAN

UA16 KNX-S

Universal actuator 16/8gang Secure



Secure

5 years

Manufacturer's warranty

[UA16 KNX-S](#)

[4007841 089177](#)

- **KNX switching actuator 16-gang / 8-gang blind actuator**
- **KNX Data Secure**
- **Top-hat rail mounting, installation width 144mm (8 MW)**

- Switching electrical loads with potential-free contacts
- Switching electrically operated blinds, blinds, awnings and similar hangings
- Power consumption KNX: 4 to 18mA
- **5-year product guarantee**
- Product database: Universal Actuator UA16 KNX-S

Technical data

• Ambient temperature:

-5 ... +45 °C

• Storage/transport temperature:

-25 ... +70 °C

• KNX

KNX Medium:

TP 256

Nominal voltage KNX:

DC 21 ... 32 V SELV

• Outputs

Switching voltage:

AC 250 V ~

Switching current AC1 (cos > 0,8):

16 A

Fluorescent lamps:

16 AX

• Loads per output

Ohmic load:

3000 W

Capacitive load:

16 A / 140 µF

Motors:

1380 VA

Inrush current 200 µs:

max. 800 A

On Switching current 20 ms:

max. 165 A

• Lamp loads 230 V

Incandescent lamps:

2300 W

HV halogen lamps:

2500 W

HV LED lamps:

max. 400 W

• LV halogen lamps with

electronic transformers:

1500 W

inductive transformers:

1200 VA

Article description

EAN

UA24 KNX-S

Universal actuator 24/12gang Secure



Secure

5 years

Manufacturer's warranty

[UA24 KNX-S](#)

[4007841 089184](#)

- **KNX switching actuator 24-gang / 16-gang blind actuator**
- **KNX Data Secure**
- **Top-hat rail mounting, installation width 216mm (12 MW)**

- Switching electrical loads with potential-free contacts
- Switching electrically operated blinds, blinds, awnings and similar hangings
- Power consumption KNX: 4 to 24mA
- **5-year product guarantee**
- Product database: Universal Actuator UA24 KNX-S

Technical data

• Ambient temperature:

-5 ... +45 °C

• Storage/transport temperature:

-25 ... +70 °C

• KNX

KNX Medium:

TP 256

Nominal voltage KNX:

DC 21 ... 32 V SELV

• Outputs

Switching voltage:

AC 250 V ~

Switching current AC1 (cos > 0,8):

16 A

Fluorescent lamps:

16 AX

• Fluorescent lamps:

Ohmic load:

3000 W

Capacitive load:

16 A / 140 µF

Motors:

1380 VA

Inrush current 200 µs:

max. 800 A

On Switching current 20 ms:

max. 165 A

• Lamp loads 230 V

Incandescent lamps:

2300 W

HV halogen lamps:

2500 W

HV LED lamps:

max. 400 W

• LV halogen lamps with

electronic transformers:

1500 W

inductive transformers:

1200 VA

Article description

EAN

DIM4 KNX-S

Secure dimming actuator



• Dimming actuator 4-fold

• KNX Data Secure

• Top-hat rail mounting, installation width 72mm (4 MW)

• 4 x 225 W, HV-LED lamps typ. 4 x 1 ... 35 W (leading edge phase control), 4 x 1 ... 200 W (trailing edge phase control), 1x855 W

• Switching and dimming of incandescent lamps, HV halogen lamps, dimmable HV LED lamps, dimmable compact fluorescent lamps, dimmable inductive transformers with LV halogen or LV LED lamps, dimmable electronic trans-formers with LV halogen or LV LED lamps

• Power consumption KNX: 15mA

• **5-year product guarantee**

• Product database: Dimming Actuator DIM4 KNX-S

Technical data

• Nominal voltage:

• Mains frequency:

• Power loss:

• Standby power:

• Connected load:

AC 110 ... 230 V ~

50/60 Hz

max. 7 W

approx. 0.16 W per channel

230 V per output

Lamp loads

Phase control

• Nominal voltage:

• Incandescent / HV halogen lamps:

• Inductive transformers:

• Inductive transformers w. LV-LED:

• Electronic transformers:

• Electronic transformers with LV LED: 2

• HV LED lamps dimmable:

• Compact fluorescent lamps dimmable:

AC 110 ... 230 V ~

20 ... 225 W

20 ... 210 VA

20 ... 100 VA

20 ... 210 W

0 ... 100 W

type. 1 ... 35 W

type. 20 ... 80 W

Phase section

• Incandescent / HV halogen lamps:

• Electronic transformers:

• Electronic transformers with LV LED:

• HV LED lamps dimmable:

• Compact fluorescent lamps dimmable:

• Mixed loads Capacitive-inductive:

20 ... 225 W

20 ... 225 W

20 ... 200 W

typ. 1 ... 200 W

typ. 20 ... 150 W

not permitted

Secure

5 years

Manufacturer's warranty

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Lighting control

Article description

EAN

DALI64 KNX-S

DALI Gateway Secure



• DALI Gateway 1-fold

• KNX Data Secure

• Top-hat rail mounting, installation width 72mm (4 MW)

• Control of max. 64 DALI devices in max. 32 groups

• Power consumption KNX: 5mA

• **5-year product guarantee**

• Product database: Dali Gateway 1gang DALI64 KNX-S

• **NEW:** Integration of DALI-2 IPD sensors possible!

Secure

5 years

Manufacturer's warranty

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Data sheet

ETS application

Application description

DALI128 KNX-S

DALI Gateway Secure



• DALI gateway 2-gang

• KNX Data Secure

• Top-hat rail mounting, installation width 72mm (4 MW)

• Control of max. 2 x 64 DALI devices in max. 2 x 32 groups

• Power consumption KNX: 5mA

• **5-year product guarantee**

• Product database: Dali Gateway 2-gang DALI128 KNX-S

• **NEW:** Integration of DALI-2 IPD sensors possible!

Technical data

• Nominal voltage:

• Nominal voltage:

• Power loss:

• Nominal voltage DALI:

• Output current per DALI system:

• Guaranteed bus power:

• Number of DALI devices:

• DALI transmission rate:

• Protocol DALI:

• Line type:

AC 110 ... 240 V ~, 50/60 Hz

DC 110 ... 240 V

max. 3 W

DC 16 V

typ. 128 mA, max. 250 mA short-term

148 mA per DALI system

max. 64 per DALI system

1,2 kbit/s

EN 62386

230 V sheathed cable, e.g. NYM

Cable length DALI

• at 1.5 mm²:

• at 1.0 mm²:

• at 0.75 mm²:

• at 0.5 mm²:

max. 300 m

max. 238 m

max. 174 m

max. 116 m

Secure

5 years

Manufacturer's warranty

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Universal interfaces

Universal inputs to remain flexible!

KNX Data Secure compatible and updateable!
Why don't you use our interface and your favourite
push-button. 2-gang, 4-gang and 8-gang.
Secure? Sure!



Secure

Universal inputs are used to integrate conventional switches and push-buttons into a KNX system. The universal inputs are installed behind the switches or push-buttons, connected to them and connected to the KNX. Window contacts and energy meters can also be queried very easily. Outputs for controlling LEDs are also available.

Product features

- Independent channels that work as inputs/outputs depending on the ETS parameterisation
- Common reference potential for all channels
- Locking individual channels
- Supply via bus, no additional supply voltage required

Ausgänge

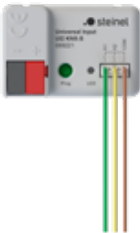
- Ambient temperature: -5 ... +45 °C
- Connection of LED e.g. LED lamp, 5 V DC, 2.2 mA
- Short-circuit-proof, overload-protected and reverse polarity protected
- Parallel connection of outputs possible, for loads with higher current requirements

Inputs

- Connection of potential-free contacts, such as push-buttons, switches or reed contacts
- Operating functions: Switching, dimming, blind, scene or room temperature control
- Value transmitter for dimming, colour temperature, RGBW, temperature or brightness values
- Transmission of the current input status after bus voltage failure
- Connection of door or window contacts for analysing the open, closed, tilted and handle position status
- Connection of leakage, condensation and temperature sensors
- Combination of neighbouring input channels when connecting push-buttons, door or window contacts
- Logic functions

UI2 KNX-S

Secure universal interface



[UI2 KNX-S](#)

[4007841 089221](#)

- **Universal input 2-fold**
- **KNX Data Secure**
- **Flush-mounted installation, appliance box**

- Number of channels: 2
- Dimensions (W x H x D): 43 x 28,5 x 15,4 mm
- Power consumption KNX: 4 to 10mA
- **5-year product guarantee**
- Product database: Universal Input UI2 KNX-S

Technical data

- Ambient temperature: -5 ... +45 °C
- Storage/transport temperature: -25 ... +75 °C
- Protection class: III
- Length of cable set: 25cm, extendable to max. 30m
- KNX:
 - KNX Medium: TP 256
 - Nominal voltage KNX: DC 21 ... 32 V SELV
- Outputs:
 - Output voltage: DC 5V SELV
 - Output current per channel: max. 3.2 mA
 - LED current: 2.2mA per output



Secure

5 years

Manufacturer's warranty

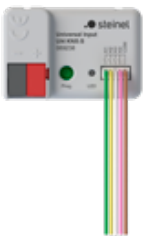


Article description

EAN

UI4 KNX-S

Secure universal interface



[UI4 KNX-S](#)

[4007841 089238](#)

- **Universal input 4-fold**
- **KNX Data Secure**
- **Flush-mounted installation, appliance box**

• Number of channels: 4

• Dimensions (W x H x D): 43 x 28.5 x 15.4 mm

• Power consumption KNX: 5 to 12mA

• **5-year product guarantee**

• Product database: Universal Input UI4 KNX-S

Technical data

• Ambient temperature:

–5 ... +45 °C

• Storage/transport temperature:

–25 ... +75 °C

• Protection class:

III

• Length of cable set:

25cm, extendable to max. 30m

• KNX:

KNX Medium:

TP 256

Nominal voltage KNX:

DC 21 ... 32 V SELV

• Outputs:

Output voltage:

DC 5V SELV

Output current per channel:

max. 3.2 mA

LED current:

2.2mA per output



5 years

Secure Manufacturer's warranty

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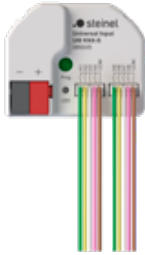
Universal interfaces

Article description

EAN

UI8 KNX-S

Secure universal interface



[UI8 KNX-S](#)

[4007841 089245](#)

- **Universal 8-way input**
- **KNX Data Secure**
- **Flush-mounted installation, appliance box**

• Number of channels: 8

• Dimensions (W x H x D): 43.5 x 35.5 x 15.4 mm

• Power consumption KNX: 5 to 18mA

• **5-year product guarantee**

• Product database: Universal Input UI8 KNX-S

Technical data

• Ambient temperature:

–5 ... +45 °C

• Storage/transport temperature:

–25 ... +75 °C

• Protection class:

III

• Length of cable set:

25cm, extendable to max. 30m

• KNX:

KNX Medium:

TP 256

Nominal voltage KNX:

DC 21 ... 32 V SELV

• Outputs:

Output voltage:

DC 5V SELV

Output current per channel:

max. 3.2 mA

LED current:

2.2mA per output



5 years

Secure Manufacturer's warranty

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