

Technical Sheet For KNX Dual Presence Sensor, PIR & Ultrasonic

CSBPU-04/00.1.00



The worldwide **STANDARD** for home and building control

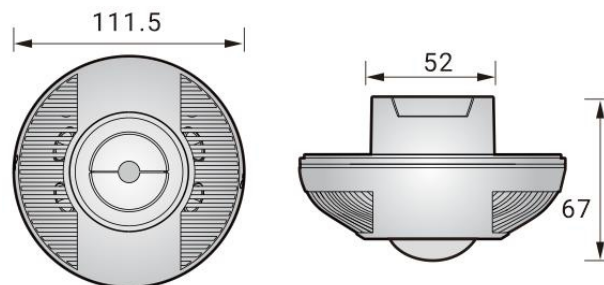
CHARACTERISTICS

- Status LED can be activated / deactivated
- Automatic presence- and brightness-dependent control for lighting and HVAC
- HVAC supports 5 modes: Auto, Comfort, Standby, Economy, Building Protection
- Can be used as fully or semi-automatic, switchable
- Switch or constant light control mode with standby function
- Parallel switching of multiple presence detectors (Master/Slave or Master/Master)
- Detection and sending of current brightness level
- Intelligent Central-OFF function
- PIR & Ultrasonic sensors locking function
- Manual influence via external KNX push buttons possible
- Room correction factor setting for brightness measurement calibration

PARAMETERS

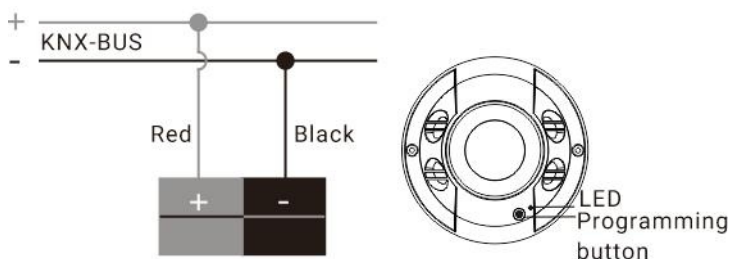
Power supply	Bus voltage	21-30V DC, via the KNX bus
	Standby current	30mA
Output	4 Channels	Light control, Constant Light Control, Twilight switch, HVAC
	PIR	360° circular, adjustable up to $\Phi 8m$
	US	360°, oval shape of 3.5*7m with small movement(i.e hand wave); oval shape of 7*13m with large movement(i.e. walk)
	US frequency	32Khz
	Light Measuring	10~2000Lux
Sensitivity	PIR	$\Phi 8m$, h=2.5m
	US	Adjustable via ETS in 4 steps Max:3.5*6.5m,h=2.5m High:3.0*5.0m,h=2.5m Med:2.0*4.5m,h=2.5m Low:2.0*3.0m,h=2.5m
	Connection	KNX Bus connection terminals($\phi 0.8mm$)
Installation	86 type wall-mounted box or European 80 type wall-mounted box	
Temperature range	Operation	-5°C ... + 45 °C
	Storage	-25 °C ... +55 °C
	Transport	-25 °C ... +70 °C
Ambient	Humidity	<93%, except condensation

DIMENSIONS



Model	Dimension	Weight
CSBPU-04/00.1.00	$\phi 111.5 \text{ mm} \times 67.0 \text{ mm}$	0.26kg

DESCRIPTIONS



IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!
- Do not mount on conductive surface.
- Do not open the decorative frame frequently.

● KNX Dual Presence Sensor, PIR & Ultrasonic is a low voltage circuit. Never connect it with standard 220V circuit or put it into the same Wiring Tube with the circuit.

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.