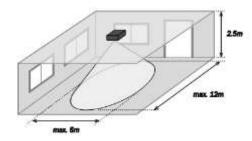# Datasheet Ingenium Bes KNX Radiofrequency Motion Detector

Bes KNX Radiofrequency Motion Detector SRKNX

- Based on radio frequency technology, which makes it possible to penetrate any type of surface, with the exception of metal surfaces
- The concealed installation guarantees security against unwanted intrusion or vandalism (installation in false ceilings or technical ceilings)
- Installation also possible in brick walls, wooden walls, plasterboard, etc.
- Enables broad and simple parameterisation, is suitable for lighting functions, person recognition and instrusion control
- Detection area 2.5m Height: 12 x 6m

Do not connect mains voltages (230V) or other external voltages to any point on the KNX bus!

Tecnical data:	
Power supplyPower supply	29 VDC from KNX bus or auxiliary voltage
Consumption (depending on connection)	
With auxiliary power supply	18 - 30 Vdc (recommended)
	35 mA from auxiliary voltage, 1 mA from KNX bus
Without auxiliary voltage	35 mA from KNX bus
Connections	4-pole connection screw terminal (2 for KNX bus + 2 for auxiliary power supply)
Protection class	IP20
	Extra low safety voltage SELV, 24V direct current
Working radio	Frequency 9.9 GHz
Transmitting power	5 mW
Temperature range	
Operation	- 10° C to + 55° C
Storage	- 30° C to + 60° C
Transport	- 30° C to + 60° C
Dimension / Weight	25 x 45 x 65mm / 115g
Mounting	above false ceilings or hidden in walls or bricks
Certification	According to the directives of electromagnetic compatibility and low voltage. EEN 50090-2-2/UNE-EN 61000-6-3:2007/UNE-EN 61000-6-1:2007/UNE-EN 61010-1

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