

# House and building automation

## LUXORliving Smart Home-System



### Description

#### LUXORliving S1 RF

- 1-way wireless flush-mounted switch actuator
- Encrypted wireless communication
- Adjustable features: NC/NO contact, switching, delayed switching, pulse function
- 2 binary inputs for floating contacts such as buttons, switches, temperature sensor (I2)
- The binary inputs are assigned to the switch output as standard (function test before programming)
- Integrated temperature monitoring for increased operating safety, e.g. in the event of overload

#### LUXORliving D1 RF

- 1-way wireless flush-mounted dimming actuator
- Encrypted wireless communication
- Optimised dimming output for dimmable energy-saving lamps, LEDs, incandescent and halogen lamps, and dimmable transformers.

- Easy to adapt to different lamps thanks to automatic load detection
- Adjustable dimming curve for precise and flicker-free dimming
- 2 binary inputs for floating contacts such as buttons, switches, temperature sensor (I2)
- The binary inputs are assigned to the dimming output as standard (function test before programming)
- Integrated temperature monitoring for increased operating safety, e.g. in the event of overload

#### LUXORliving J1 RF

- 1-way wireless flush-mounted blind actuator
- For controlling drives for blinds, roller blinds, sun and vision protection devices, skylights, and ventilation flaps
- Encrypted wireless communication
- Integrated automatic ventilation function
- 2 binary inputs for floating contacts such as buttons, switches, temperature sensor (I2)

- The binary inputs are assigned to the output as standard (function test before programming)
- Integrated temperature monitoring for increased operating safety, e.g. in the event of overload

#### LUXORliving RF1

- Connects LUXORliving RF devices of a radio line with the twisted-pair bus
- Power supply via KNX bus voltage
- Supports long frames for "KNX Secure" and enables faster download of large applications in parallel
- Ranges of max. 30 m within the building are possible
- Has a repeater function, i.e. received telegrams are sent again to increase the range

### Product selection

Configuration type	Number of channels	Type	Item no.
Switch actuator	1	LUXORliving S1 RF	4800620
Dimming actuator	1	LUXORliving D1 RF	4800670
Blind actuator	1	LUXORliving J1 RF	4800650
Media coupler TP-RF	-	LUXORliving RF1	4800868

### Technical data

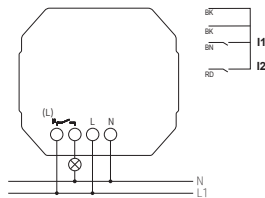
	LUXORliving S1 RF	LUXORliving D1 RF	LUXORliving J1 RF	LUXORliving RF1
Operating voltage	230 V AC			Bus voltage
Frequency	50–60 Hz			–
Switching capacity	10 A	–	5 A	–
Incandescent/halogen lamp load	1800 W	250 W	–	–
LED lamp	600 W	250 W	–	–

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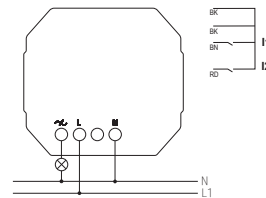
## LUXORliving Smart Home-System

	LUXORliving S1 RF	LUXORliving D1 RF	LUXORliving J1 RF	LUXORliving RF1
Ambient temperature	-5 °C ... +45 °C			
Protection rating	IP 20			
Protection class	II			III

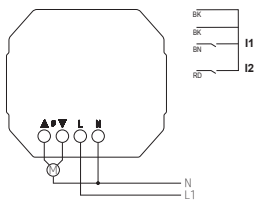
### Connection example



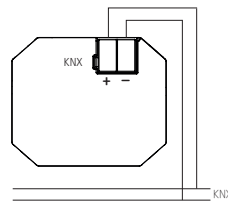
LUXORliving S1 RF



LUXORliving D1 RF



LUXORliving J1 RF



LUXORliving RF1

### Accessories



RAMSES IP65 temp. sensor

↳ Item no.: 9070459



Floor sensor

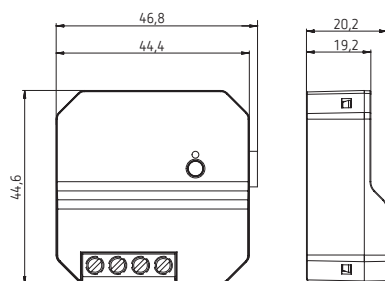
↳ Item no.: 9070321



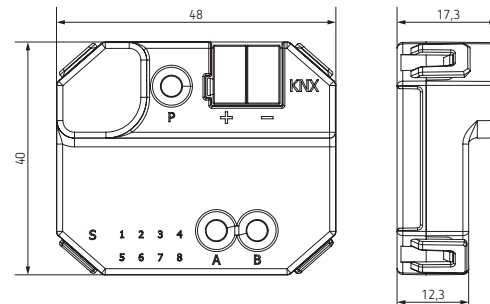
Flush-mounted temperature sensor

↳ Item no.: 9070496

### Scale drawings



LUXORliving flush-mounted RF actuators



LUXORliving RF1