

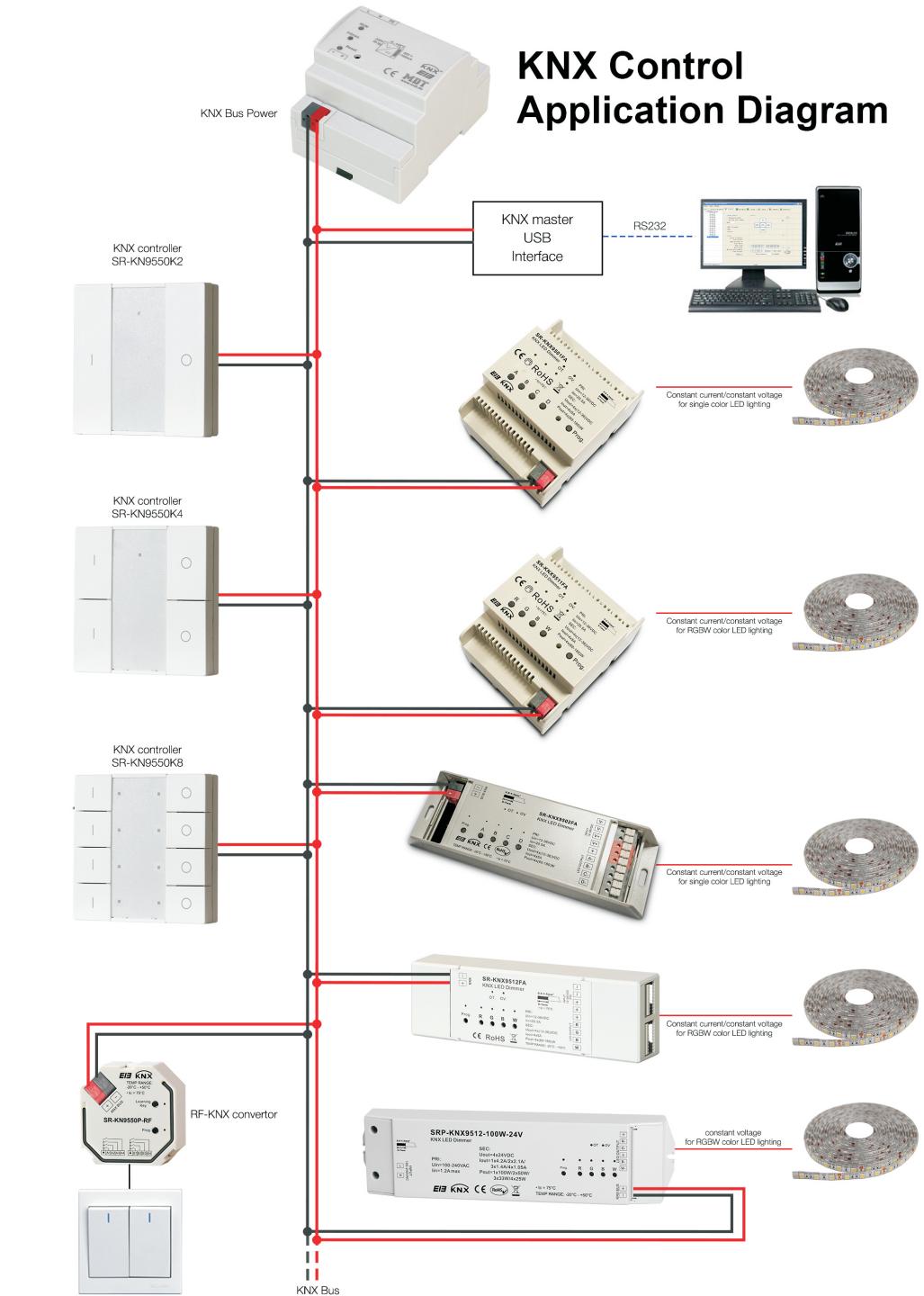


# KNX Series

## KNX Smart LED Control System



- KNX Manual dimmer
- KNX Dimmable Driver
- KNX Push Button Controller





## KNX Single Color Dimmer EN 50090 & EN 13321-1

- Preset value and modify preset value functions
- Switch/relative dimming via manual buttons
- Up to 64 scenes
- 4 channels output
- Din rail installation
- Bus recovery (or reset) function
- Status report, error report
- Constant voltage/constant current

| Part No.      | Input Voltage | Output current | Output Power | Output Type      |
|---------------|---------------|----------------|--------------|------------------|
| SR-KNX9501FA  | 12-36VDC      | 4CH,5A/CH      | 240-720W     | Constant Voltage |
| SR-KNX9501FA3 | 12-48VDC      | 4CH,0.35A/CH   | 16.8-67.2W   | Constant Current |
| SR-KNX9501FA7 | 12-48VDC      | 4CH,0.7A/CH    | 33.6-134.4W  | Constant Current |



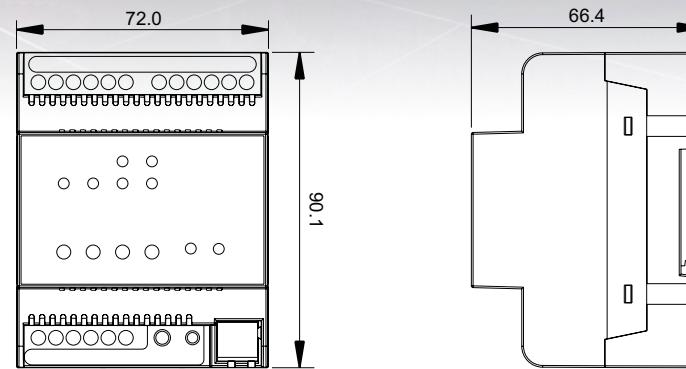
## KNX RGBW Controller EN 50090 & EN 13321-1

- Preset value and modify preset value functions
- Switch/relative dimming via manual buttons
- Up to 64 scenes
- 4 channels output
- Din rail installation
- Bus recovery (or reset) function
- Status report, error report
- Up to 6 color sequence
- Color cycle
- Constant voltage/constant current

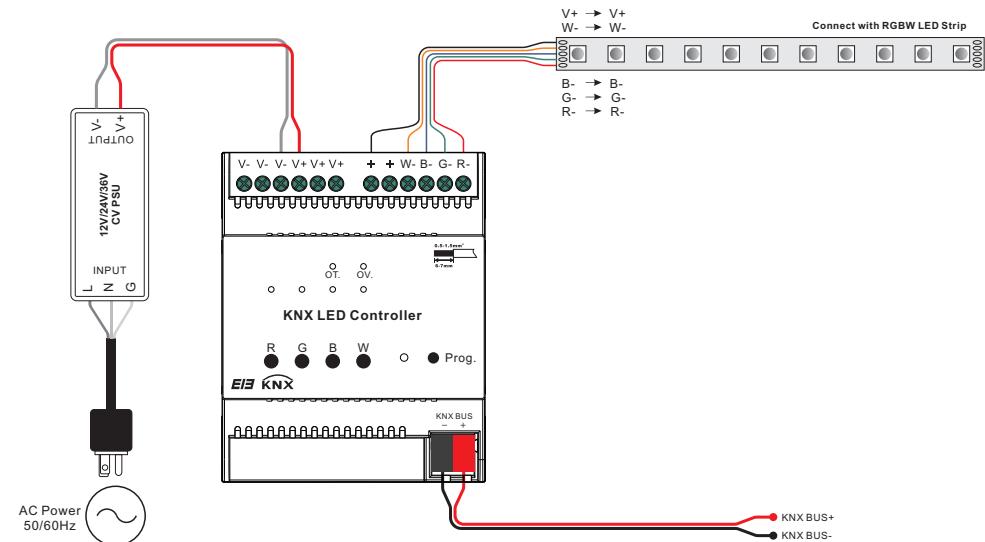
| Part No.      | Input Voltage | Output current | Output Power | Output Type      |
|---------------|---------------|----------------|--------------|------------------|
| SR-KNX9511FA  | 12-36VDC      | 4CH,5A/CH      | 240-720W     | Constant Voltage |
| SR-KNX9511FA3 | 12-48VDC      | 4CH,0.35A/CH   | 16.8-67.2W   | Constant Current |
| SR-KNX9511FA7 | 12-48VDC      | 4CH,0.7A/CH    | 33.6-134.4W  | Constant Current |



Dimension



Wiring diagram



## KNX Single Color Dimmer(EN 50090 & EN 13321-1)



| Part No.      | Input Voltage | Output current | Output Power | Output Type      |
|---------------|---------------|----------------|--------------|------------------|
| SR-KNX9502FA  | 12-36VDC      | 4CH,5A/CH      | 240-720W     | Constant Voltage |
| SR-KNX9502FA3 | 12-48VDC      | 4CH,0.35A/CH   | 16.8-67.2W   | Constant Current |
| SR-KNX9502FA7 | 12-48VDC      | 4CH,0.7A/CH    | 33.6-134.4W  | Constant Current |

### Product features

- Preset value and modify preset value functions
- Switch/relative dimming via manual buttons
- Up to 64 scenes
- 4 channels output
- Bus recovery (or reset) function
- Status report, error report
- Constant voltage/constant current

## KNX RGBW Controller(EN 50090 & EN 13321-1)



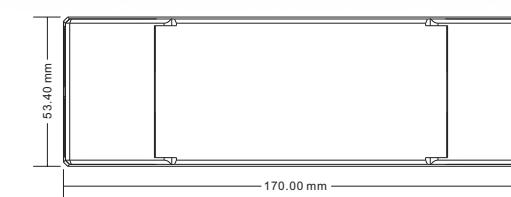
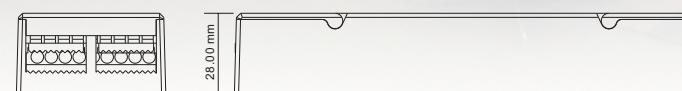
| Part No.      | Input Voltage | Output current | Output Power | Output Type      |
|---------------|---------------|----------------|--------------|------------------|
| SR-KNX9512FA  | 12-36VDC      | 4CH,5A/CH      | 240-720W     | Constant Voltage |
| SR-KNX9512FA3 | 12-48VDC      | 4CH,0.35A/CH   | 16.8-67.2W   | Constant Current |
| SR-KNX9512FA7 | 12-48VDC      | 4CH,0.7A/CH    | 33.6-134.4W  | Constant Current |

### Product features

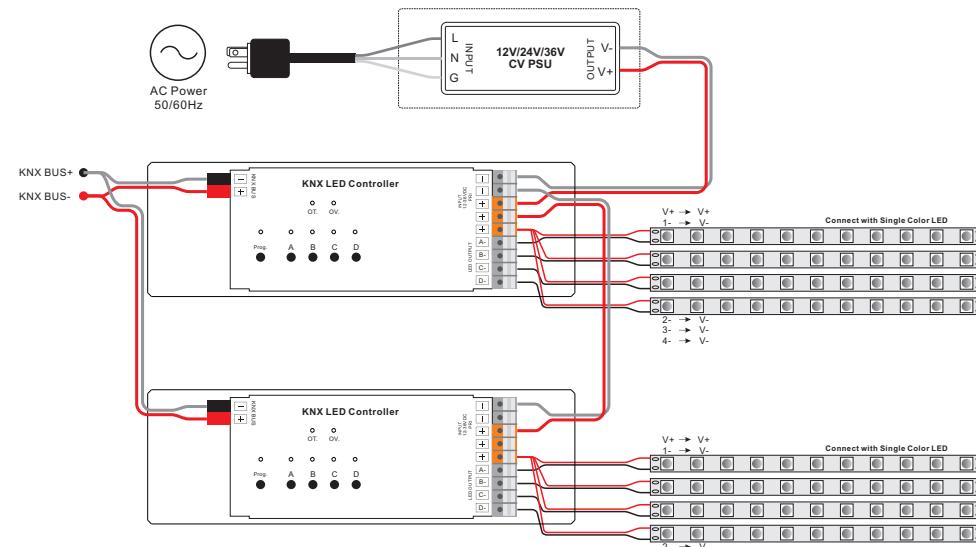
- Preset value and modify preset value functions
- Switch/relative dimming via manual buttons
- Up to 64 scenes
- 4 channels output
- Bus recovery (or reset) function
- Status report, error report
- Up to 6 color sequence
- Color cycle
- Constant voltage/constant current



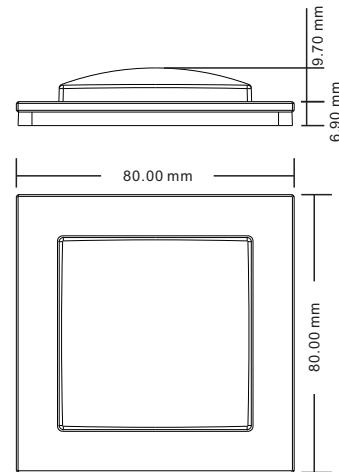
### Dimension



### Wiring diagram



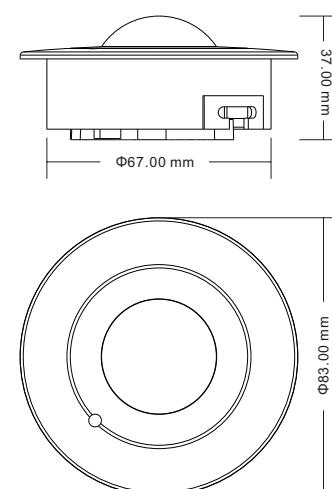
## KNX PIR Sensor



| Part No.       | Operation Voltage | Output     | Dimension(mm) |
|----------------|-------------------|------------|---------------|
| SR-KN9552PIR-W | Supply by KNX bus | KNX Signal | 80x80x16.6mm  |
| SR-KN9552PIR-C | Supply by KNX bus | KNX Signal | 80x80x16.6mm  |

### Product features

- Comply to KNX standard protocol EN 50090 & EN 13321-1 and in compliance with KNX products from other international incorporation.
- Can set the delay time
- Can set the brightness value
- Detection range:5m-7m
- Detection horizontal angle:>120°(SR-KN9552PIR-W)
- Detection angle:>150°(SR-KN9552PIR-C)
- With free stickers on the back easy to be installed and uninstalled
- Can prevent the pets interference



## KNX Push+RF Controller

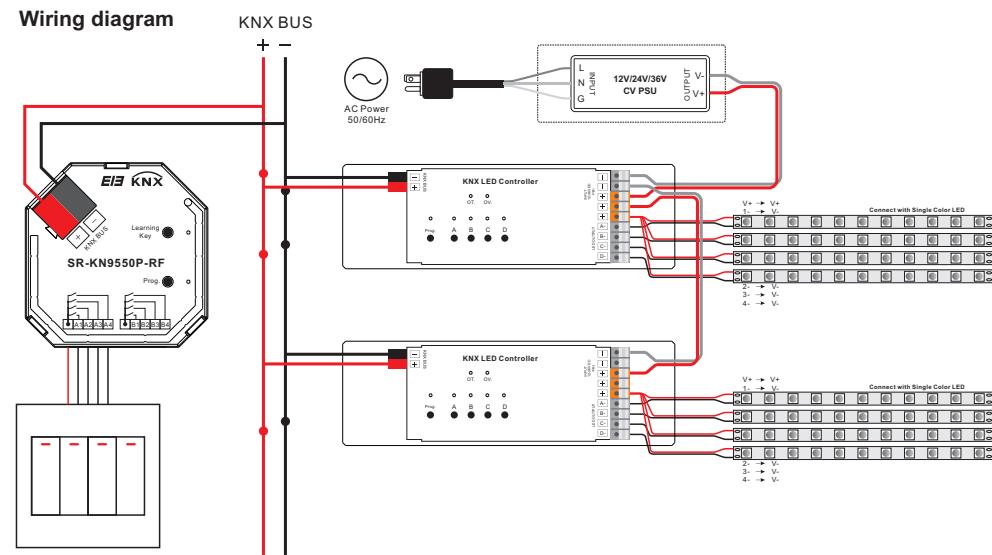


| Part No.      | Operation Voltage        | Output current | Dimension    | Remarks            |
|---------------|--------------------------|----------------|--------------|--------------------|
| SR-KN9550P-RF | 21-30VDC through KNX bus | <12 mA         | 44.5x45x16mm | Push+RF KNX dimmer |

### Product features

- Push + RF + KNX dimmer
- LED indicator
- Switching and dimming function
- Shutter function
- Call and store scene function
- Gradually switching function
- Multiple operating functions

### Wiring diagram



# KNX Wall Mounted Push Dimmer



**SR-KN9550K2**

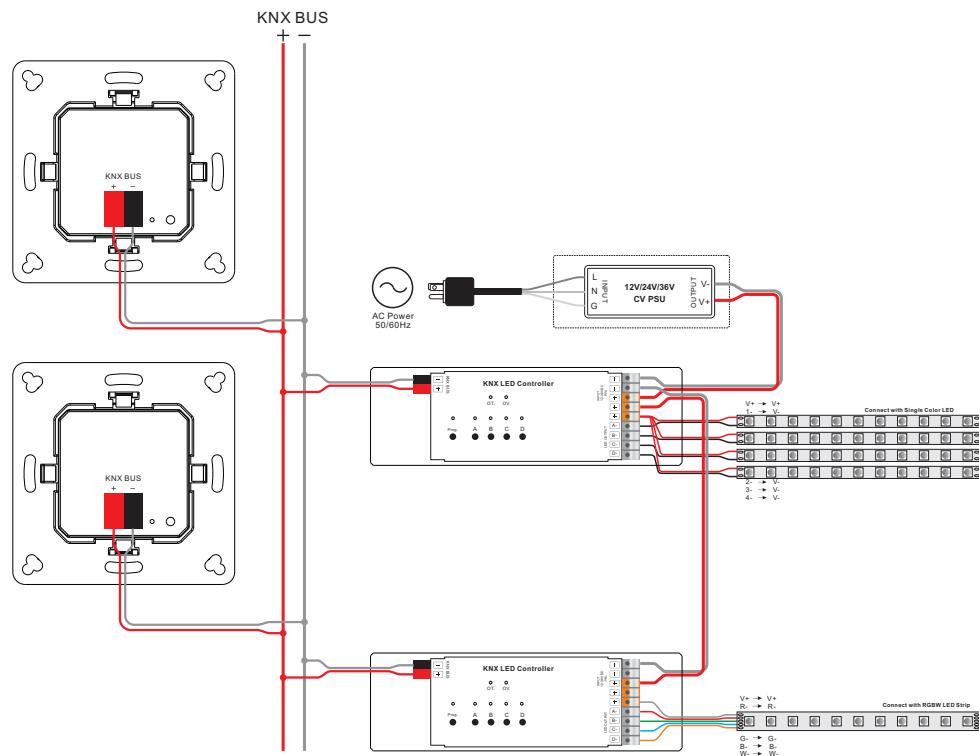
- LED indicator
- Switching and dimming function
- Shutter function
- Call and store scene function
- Gradually switching function
- Multiple operating functions
- Power supply by KNX bus
- 2 push keys



**SR-KN9550K4**

- LED indicator
- Switching and dimming function
- Shutter function
- Call and store scene function
- Gradually switching function
- Multiple operating functions
- Power supply by KNX bus
- 4 push keys

**Wiring diagram**



**SR-KN9550K6**

- LED indicator
- Switching and dimming function
- Shutter function
- Call and store scene function
- Gradually switching function
- Multiple operating functions
- Power supply by KNX bus
- 6 push keys



**SR-KN9550K8**

- LED indicator
- Switching and dimming function
- Shutter function
- Call and store scene function
- Gradually switching function
- Multiple operating functions
- Power supply by KNX bus
- 8 push keys

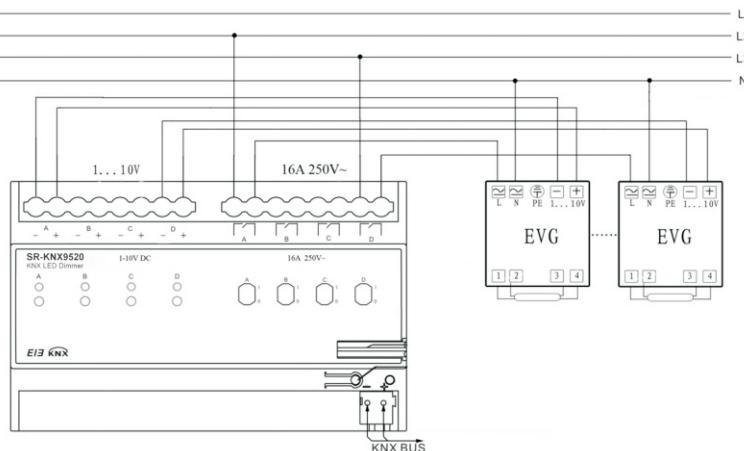
## KNX for 0/1-10V LED Dimmer



### SR-KNX9520

- 0/1-10V control function
- Switching the light
- Relative dimming
- Absolute dimming
- Status report
- Setting 15 scenes
- Staircase lighting function
- Preset value and modify preset value functions
- Manual operation available

|                       |                     |                                                       |
|-----------------------|---------------------|-------------------------------------------------------|
| Power Supply          | Operation voltage   | 21-30V DC, via the EIB bus                            |
|                       | Current consumption | <12mA                                                 |
|                       | Power consumption   | <360mW                                                |
| Output                | Output voltage      | 1-10V (passive), max.100mA per control output         |
|                       | Switch current      | 16A/250V AC                                           |
| Connections           | EIB/KNX             | Bus connection terminal(black/red)                    |
|                       | Input/outputs       | Using screw terminals                                 |
| Operation and display | Red LED and button  | For assigning the physical address                    |
|                       | Green LED flashing  | For displaying the application layer running normally |



## KNX Universal-Dimmer



### SR-KNX9530

- Switching the light
- Relative dimming
- Absolute dimming
- Status report
- Setting 15 scenes
- Staircase lighting function
- Preset value and modify preset value functions
- Manual operation available

|                                            |                                                                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Power supply                               | 230V~, 50/60Hz                                                                                                                       |
| Connection terminals(screw-type terminals) | 1-6 mm <sup>2</sup>                                                                                                                  |
| KNX connection                             | Bus connection terminal, screwless                                                                                                   |
| Power output                               | 4(6)                                                                                                                                 |
| Switching voltage                          | 230V~, 50/60Hz                                                                                                                       |
| Switching capacity                         | 6197/12-101-500=4x10-210W / VA<br>6197/13-101-500=4x10-315W / VA<br>6197/14-101-500=6x40-315W / VA<br>6197/15-101-500=4x40-600W / VA |
| Protection in accordance with DIN 60529    |                                                                                                                                      |