



Technology Partner
SILVAIR

Work with Silvoir

Bluetooth to DALI Converter with Built-in Bus Power

SR-SV2421-DDI, SR-SV2421-DCT

Features

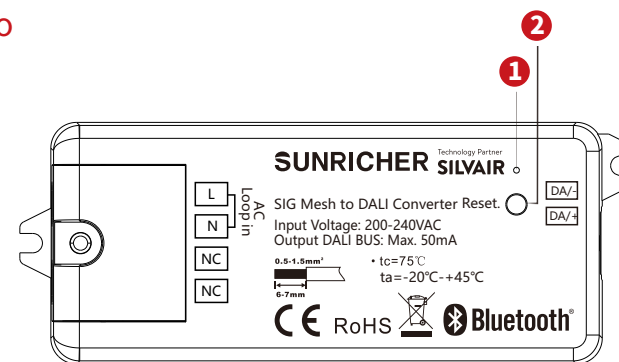
- Bluetooth to DALI signal converter, Bluetooth® mesh network
- Built-in DALI bus power supply, no additional DALI bus PS is required
- Max. 50mA DALI bus power current output, can control up to 25 DALI control gears.
- All devices on DALI line are broadcast controlled by Silvoir Commissioning tools
- Mesh network, which has a much longer control distance, transmits received signals to neighbor devices
- All device on DALI line are broadcast controlled by mobile application
- Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDb
- In typical outdoor environment, the range for wireless communication is about 25meters. Actual range is dependent on field installation.
- Class II rated
- On-board antenna
- Waterproof grade: IP20
- 5 years warranty



Parameters

Model Number	SR-SV2421-DDI	SR-SV2421-DCT
Dimming	ON/OFF/Light Level	ON/OFF/Light Level/Tunable White
Power	200-240VAC	200-240VAC
Signal	SIG Mesh	SIG Mesh
DALI PS Current Power	Max. 50mA	Max. 50mA
DALI Current Consumption	Max. 4mA	Max. 4mA
Operating Temperature.	-20°C~+45°C	-20°C~+45°C
Relative Humidity	8%-80%	8%-80%
Dimensions	95x37x20mm	95x37x20mm

Product info



- ① LED indicator: When controller is added to the network, the indicator light will quick flash
- ② Reset Key: Press it to help withdraw the device from internet/APP LED flashes quickly indicates success.

Operation

- Do wiring according to connection diagram.
- Kindly refer to “Silvoir Commissioning User Manual” for further pairing.
- Press and hold down the “Reset” button on the controller over 5 seconds until the indicator flashes, which means it has been reset.

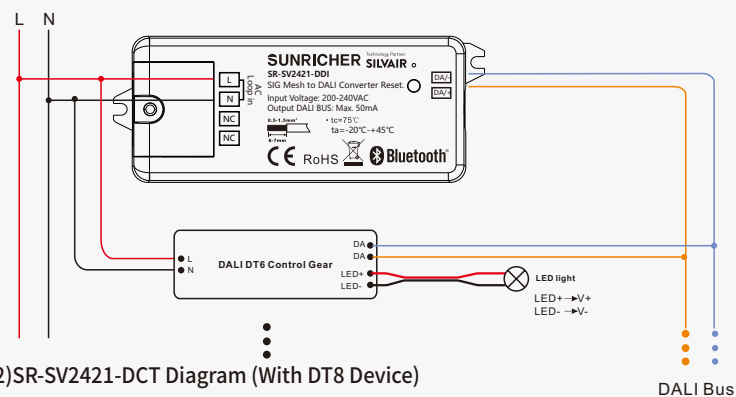


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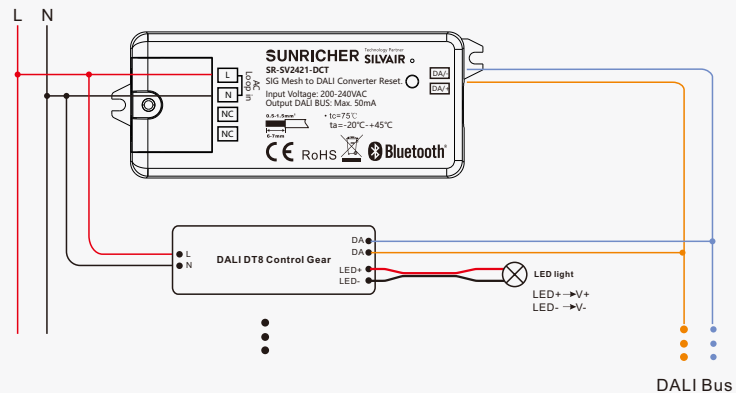
SR-SV2421-DDI, SR-SV2421-DCT

Wiring

1) SR-SV2421-DDI Diagram (With DT6 Device)



2) SR-SV2421-DCT Diagram (With DT8 Device)



Warning

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

Update Log

Date	Version	Update Content	Update by
2023-2-7	V1.2	Diagram Update	Romeo



Subject to change without notice. Please contact us if you have any questions.