

Radio remote control , type NSFU

The radio remote control NSFU is suitable for 5 radio-commands (channels). It comprises 3 components:

1. IR-and radio control type IR-ST/S, order-no.: 50.13.142 (the IR and radio controls are identical)
2. Radio-receiver, type FU-E/S, order-no.: 52.10.000
3. Radio-transmitter, type FU-S/S, order-no.: 52.00.000

The transmitter has a minimum number of 5 keys a maximum of 35 keys. Manyfold functions can be performed, for example:

- **5 lighting circuits** can respectively be controlled with the **NS1** or the **NS1-S** function (Brighter-Darker-ON/OFF) -electronic.
- **1 circuit** can be controlled with the function of the **NS2-X** or **NS 2-SX** (Brighter-Darker-ON/OFF) - with integrated relay.
- **1 circuit** with the function of the **NS4** or **NS4-S**, **NS4WV** or **NS4WV-S** (Brighter-Darker-Stop-Preset or 4 x preset).

For different radio systems different channels have to be used.

If the number of channels shall be increased up to 35 up to 7 radio-controls are required. The selection of channels is made with a selector switch at the module (see wiring diagram page 46).

The distance between radio-transmitter and radio receiver can be max. 40 m. Up to 6 receivers can be connected for the extension of the recognized distance.



IR-and radio control module type IR-ST/S, order-no. 50.13.142



radio-transmitter type FU-S/S with 35 keys/channels. Number of keys an designation acc. to specification. Order-no.: 52.00.000

Technical data IR-ST/S see page 43

Technical data:

Characterization	radio-receiver, type FU E/S
Type	: FU-E/S
Order-no.	: 52.10.000
Power supply	: 5-12VDC (AC not permitted)
Own consumption	: approx. 10 mA (at 5V Vcc)
Ambient temperature	: 0°C ...+ 45°C
Protective class/type	: II (protective isolation) / IP 30
Receiver frequency	: 868,3 MHz
Modulation type	: AM Modulation OOK
Wiring	: wire length = max. 100 m / Wire section min. 0,5 mm ²
Dimensions	: WxHxD =35x58x20 mm
Weight	: approx. 35 gr
Designation	: CE 0678 permitted in connection with the FU transmitter (order-no. 50.00.000)



Radio receiver type FU-E/S, order-no.: 52.10.000

Dimensional diagram IR-ST/S see page 43

Dimensional drawing FU-E/S



