

Infrared switches - TECHNICAL CHARACTERISTICS

20172

Infrared receiver with 6 A 230 V~ relay output

Technical specifications

- Supply voltage: 230 V~ 50-60 Hz
- Operating: monostable and bistable
- Operating status LED
- Infrared control, RC5 protocol
- Operating temperature: -5 °C - +35 °C

Controllable loads

- Resistive loads \sim : 6 A
- Incandescent and halogen lamps ⦿ : 1000 W
- Ferromagnetic transformers ⏏ : 1000 VA
- Electronic transformers ⏏ : 700 VA
- Fluorescent and compact fluorescent lamps: 60 W
- Motors Ⓜ : 1,8 A $\cos\phi$ 0,6

Conformity to Standards

LV Directive
EMC Directive
EN 60669-2-1 Standard

20172.120

Infrared receiver with 6 A 120 V~ relay output

Technical specifications

- Supply voltage: 120 V~ 50-60 Hz
- Operating: monostable and bistable
- Operating status LED
- Infrared control, RC5 protocol
- Operating temperature: -5 °C - +35 °C

Controllable loads

- Resistive loads \sim : 6 A
- Incandescent and halogen lamps ⦿ : 500 W
- Ferromagnetic transformers ⏏ : 500 VA
- Electronic transformers ⏏ : 350 VA
- Motors Ⓜ : 1,8 A $\cos\phi$ 0,6

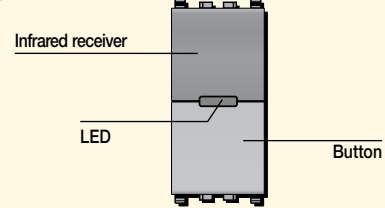
Operating

- Switch on/off with:
 - button on the front of the device;
 - operation from several points with NO push buttons (max. range 100 m); do not use push buttons with built-in indicator unit;
 - infrared operation with button on remote control.
- Operating status indication (to be set at the time of the configuration);
- Monostable operation (button mode) confirmed by LED: LED stays on steady for 10 seconds at the start, then flashes 3 times and monostable operation is enabled
- Bistable operation (step mode) confirmed by LED: LED stays off for 10 seconds at the start, then flashes 3 times and bistable operation is enabled
- Programmable flashing LED
- To increase the reception range, connect additional receivers

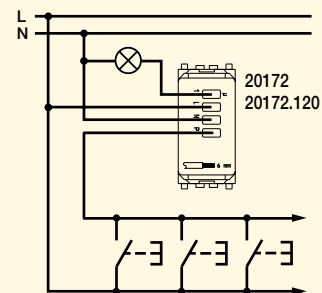
01849 - Remote control technical specifications

The infrared remote control operates like a little 'full option' control unit. No dip-switch to set but only 4 channels, that allow an easy setting of the receivers, through RC5 protocol transmission. This type of data capture permits the remote control to control any other appliances.

Front view

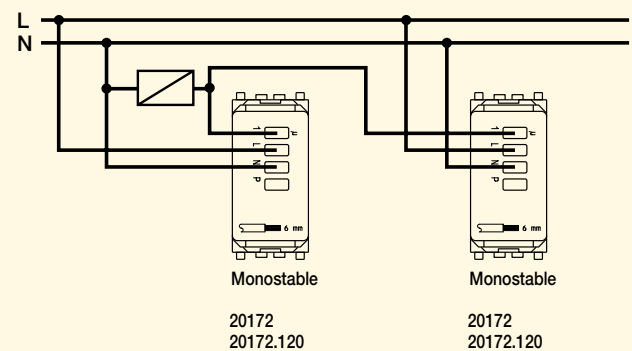


Control from several points with NO push buttons

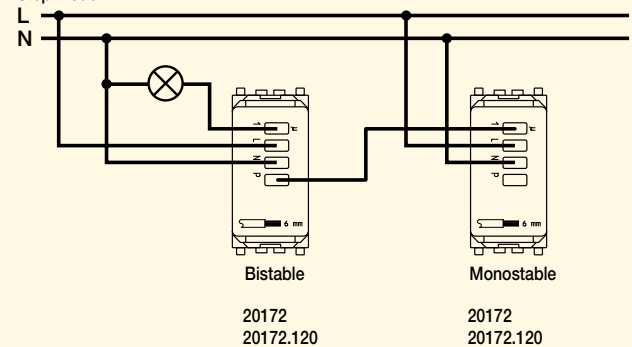


Connections with additional receivers

Button mode



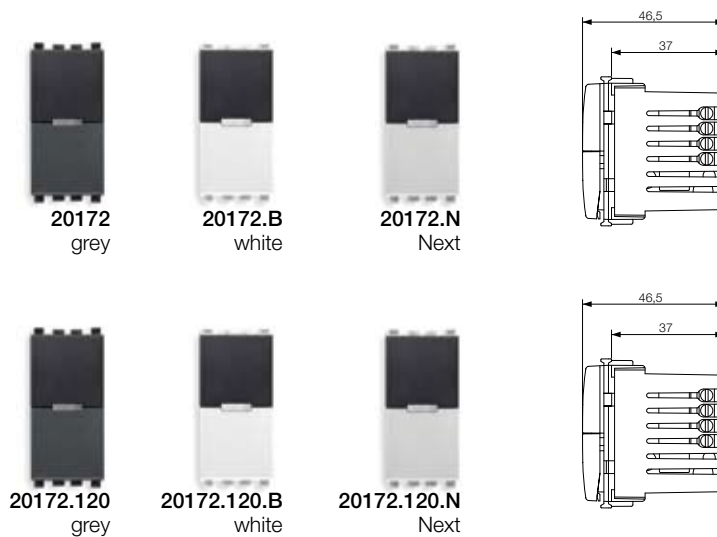
Step mode



Infrared switches

Infrared receiver

20172	.B	.N	Infrared switch, NO 6 A 230 V~ relay output, control with built-in button, from 01849 remote control from peripheral NO push buttons, monostable or bistable function, visible in darkness, supply voltage 230 V~ 50-60 Hz
*20172.120	.B	.N	Infrared switch, NO 6 A 120 V~ relay output, control with built-in button, from 01849 remote control from peripheral NO push buttons, monostable or bistable function, visible in darkness, supply voltage 120 V~ 50-60 Hz



Infrared remote control

01849	14-channel infrared remote control, supply with AAA LR03 1,5 V battery. Supplied without battery
--------------	--



01849