

Wireless repeater FRP14



Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:

-20°C up to +50°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

1 and 2 level wireless repeater with small antenna. Only 0.6 watt standby loss. If required, a wireless antenna FA250 can be connected.

Modular device for DIN-EN 60715 TH35 rail mounting.

1 modul = 18mm wide, 58mm deep.

This repeater is only needed if the building conditions prevent undisturbed reception or the distance between the wireless pushbutton and receiver is too great.

Antenna FA250 with a 250cm cable can be connected instead of the enclosed small antenna. When positioned in the optimal location, it can increase range considerably.

The 1-level mode is activated ex works. Only the signals from sensors and actuators are received, tested and retransmitted at full transmit power. Wireless signals from other repeaters are ignored to reduce the data volume.

In de-energized state it can be switched to 2-level mode with a rotary switch. After switching on the supply voltage, the wireless signals of another 1-level repeater are now being processed. A signal can then be received and amplified maximum 2 times.

Wireless repeaters need not be taught-in. They receive and amplify signals from all wireless sensors within their reception area.

The LEDs under the rotary switch indicate all the wireless signals detected by briefly flashing.

The wireless repeater FRP14 can be installed either as a single device in a subdistributor panel. It then requires a 12V power supply from a switch mode power supply unit SNT12-12V. Or it is installed together with remote Series 14 wireless actuators and cross-wiring requires a jumper. There is no connection to the bus. It is only looped through.

EnOcean wireless

Frequency	868.3 MHz
Transmit power	max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type FRP14 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: eltako.com

Must be kept for later use!

We recommend the housing for operating instructions GBA14.

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