

EasySens Radio switch Jung LS 990

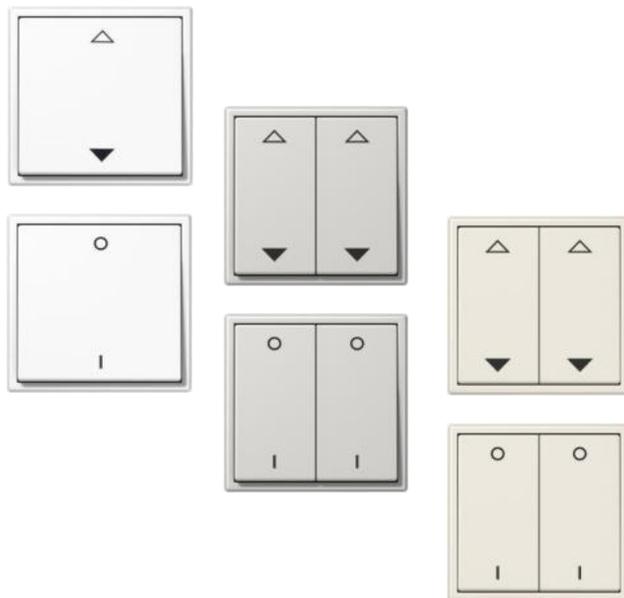
Universal wireless switch

thermokon[®]
HOME OF SENSOR TECHNOLOGY

Datasheet

Subject to technical alteration
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JUNG



» APPLICATION

Battery-less radio control for lighting and blind. The self powered wireless technology enables flexible installation on glass and wall plaster via double-sided adhesive pads or screws.

This product is intended for use as part of an automation solution for (functional) buildings. It transmits sensor data within a building over short distances unencrypted by radio to suitable receivers. No personal data or location data is transmitted.

The product cannot communicate directly with the Internet and is not intended for applications that use the Internet to forward unprocessed sensor data. Automation stations that forward data via the Internet, e.g. to visualise the building status, must ensure that the data to be forwarded is encrypted as required by law.

» TYPES AVAILABLE

Radio switch Jung LS 990 - Design Light (0 | I)

- Radio switch 2-channel light Jung LS 990 (1 switch rocker)
- Radio switch 4-channel light Jung LS 990 (2 switch rocker)

Radio switch Jung LS 990 - Design Shutter/Blind (▲|▼)

- Radio switch 2-channel shutter/blind Jung LS 990 (1 switch rocker)
- Radio switch 4-channel shutter/blind Jung LS 990 (2 switch rocker)

All types are available in the colours white, alpin white, light grey,
Central plate in switch manufacturer's design.

» PRODUCT TESTING AND CERTIFICATION



Declaration of conformity

The declaration of conformity of the products are available on our website
<https://www.thermokon.de/direct/en-gb/categories/lkplus>

» NOTES ON DISPOSAL



The crossed-out wheeled bin symbol indicates that the product or removable batteries must not be disposed of with household or commercial waste. Within the EU, you are legally obliged to dispose of the product separately and appropriately in accordance with the national laws of your country. Alternatively, please contact your supplier or Thermokon Sensortechnik GmbH. Further information can be found at: www.thermokon.com

» SECURITY ADVICE – CAUTION

The installation and assembly of electrical equipment should only be performed by authorized personnel.



The product should only be used for the intended application. Unauthorised modifications are prohibited! The product must not be used in relation with any equipment that in case of a failure may threaten, directly or indirectly, human health or life or result in danger to human beings, animals or assets. Ensure all power is disconnected before installing. Do not connect to live/operating equipment.

Please comply with

- Local laws, health & safety regulations, technical standards and regulations
- Condition of the device at the time of installation, to ensure safe installation
- This data sheet and installation manual

» INFORMATION ABOUT EASYSSENS® (RADIO) / AIRCONFIG GENERAL USAGE



EasySens® - airConfig

Basic information about EasySens® radio and about general usage of our airConfig software, please download from our website: <https://www.thermokon.de/direct/files/information-radio-airconfig-en.pdf>

» OVERVIEW OF THE RADIO TELEGRAMS



EEP

The structure of the data contained in the telegram can be found in the EEP (EnOcean equipment profile) list provided by the EnOcean Alliance. <http://tools.enocean-alliance.org/EEPViewer/>

» TECHNICAL DATA

Radio technology	EnOcean (IEC 14543-3-10), transmission power <10 mW EEP F6-02-xx
Frequency	315 MHz, optional 902 MHz
Power supply	maintenance-free, electrodynamic energy generator
Transmission interval	when pressing the switches
Control functions	actuation force 7 N, actuation range 2 mm, operating cycle quantity > 50.000
No. of buttons	2-channel (1 switch), 4-channel (2 switches)
Labelling	O, I (version light), Δ▼ (version blinds)
Enclosure	white, alpin white, light grey
Ambient condition	-13..+149 °F, max. 85% rH non-condensing
Mounting	to be mounted flat onto the surface using adhesive foil (included) or screws

» MOUNTING ADVICES

The switch frame can be glued directly to the wall or screwed to existing flush-mounted boxes. The surface must be flat and dust-free. Unevenness can lead to malfunctions. Make sure that no dust can get inside the device. Snap on the switch frame, if necessary intermediate frame, radio module and actuating rocker(s) one after the other.

When dismantling, the rocker must be lifted off together with the radio module. Release the intermediate frame by disengaging the locking hooks on the left and right.

