

EasySens Radio switch 55x55

Universal wireless switch

thermokon®
HOME OF SENSOR TECHNOLOGY

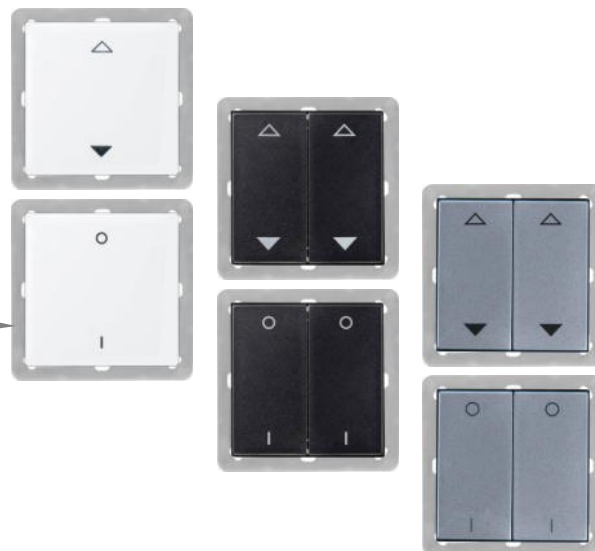
Datasheet

Subject to technical alteration
Date Issue: 7/14/2025 • A142



Fits all 55x55 switch ranges

Available in
• pure white brilliant
• pure white matt
• aluminium
• anthracite



» 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 55x55 - Design Light (0 | I)

- Radio switch 2-channel light 55x55 w/o frame (1 switch rocker)
- Radio switch 4-channel light 55x55 w/o frame (2 switch rocker)

Radio switch 55x55 - Design Shutter/Blind (▲ | ▼)

- Radio switch 2-channel shutter/blind 55x55 w/o frame (1 switch rocker)
- Radio switch 4-channel shutter/blind 55x55 w/o frame (2 switch rocker)

W/o printing or Special printing possible

All types are available in the colours pure white gloss, pure white silk matt, aluminium and anthracite.

Radio switches Suitable for standard 55x55 switch range frames.

» 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/wireless-switches-55x55>

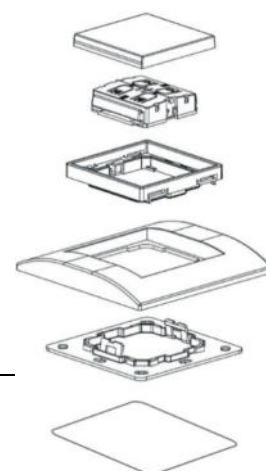


Image similar

» 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

» 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

» 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.

» 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.

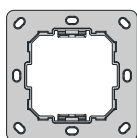
» TECHNICAL DATA

Radio technology	EnOcean (IEC 14543-3-10), transmission power <10 mW EEP F6-02-02
Frequency	315 MHz, optional 902 MHz
Power supply	maintenance-free, electrodynamic energy generator
Transmission interval	when pressing the switches
No. of buttons	2-channel (1 switch), 4-channel (2 switches)
Labelling	O, I (version light), Δ ▼ (version blinds), special printing available on request
Enclosure	pure white brilliant, pure white matt, aluminium, anthracite
Ambient condition	-13..+149 °F, max. 85% rH non-condensing
Mounting	to be mounted flat onto the surface using adhesive foil (included) or screws

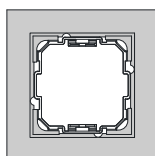
» MOUNTING ADVICES



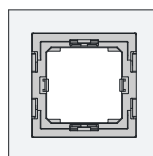
Clean surface



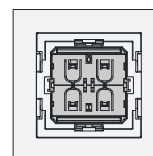
Base frame



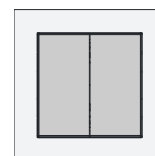
Switch range frame



adapter



Radio module



Rocker switch covers



Make sure that no dust can get inside the device.