SRW03 Dual BAT

Wireless window contact

thermokon®
HOME OF SENSOR TECHNOLOGY

Datasheet

Subject to technical alteration
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» APPLICATION

EasySens window contact for condition monitoring of windows and doors. Reduces energy consumption through demand-based heating or cooling. With a 2nd reed contact, the states of a double casement window can be recorded with one device.

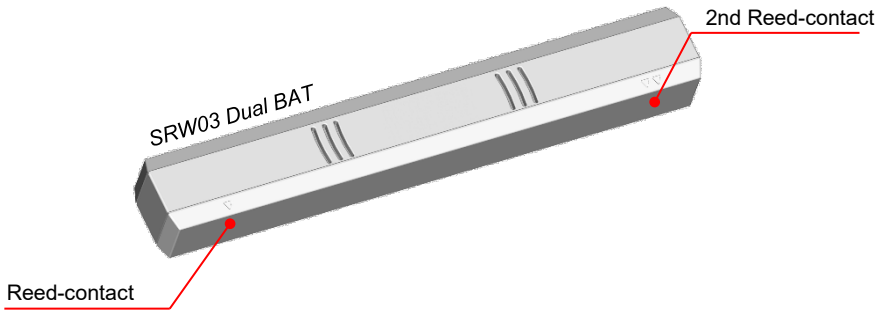
This product is intended for use as part of an automation solution for (functional) buildings. It transmits sensor data within a building over short distances unencrypted by radio to suitable receivers. No personal data or location data is transmitted.

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

EasySens Door/Window contact	Reed Contacte	power	Illuminance
• SRW03 Dual BAT	2 Reed Kontakte	Battery operated	Illuminance independendi

All variants available in white, anthracite (varnished).



»SECURITY ADVICE – CAUTION

The installation and assembly of the device 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 wheelie 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 EASYSENS® (RADIO) / AIRCONFIG GENERAL USAGE

EasySens® - airConfig
Basic information about EasySens® radio and about general usage of our airConfig software, please download from our website.
http://www.thermokon.de/ftp/info/Informationsblatt_Funk_airConfig_de.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.

»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/srw03

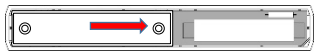
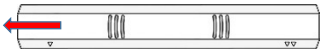
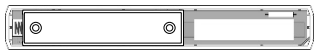
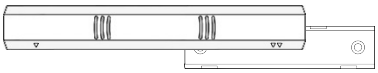
»TECHNICAL DATA

Radio technology	EnOcean (IEC 14543-3-10), transmission power <10 mW, **EEP D5-00-01**
Frequency	868 MHz, optional:, 902 MHz
Antenna	internal transmitting/receiving antenna
Power supply	battery operated, 1x Alkali-Mangan AAA (included in delivery) or 1x Lithium 3,6V ER10450
Sensor	2 reed contacts+ magnet
Sending interval	at status change, otherwise every 1000 sec.
Enclosure	PC V0, pure white or anthracite (optional)
Protection	IP20 according to DIN EN 60529
Ambient condition	-20..+60 °C, max. 85% rH non-condensing
Mounting	to be mounted flat onto the surface using adhesive foil (already mounted on bottom cover) or screws (Holes for countersunk screws Ø 3 mm in the lower cover)

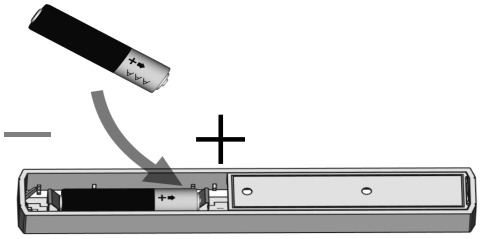
»COMISSIONING

Before mounting, the device check the radio reception area. The radio signal needs to be sufficient for the receiver. The device can be mounted via the adhesive tape already mounted, or optionally with screws

»Device Opening

Bottom View		Top View	
	Push bottom cover laterally.		Move device laterally to the left (observe arrow symbol orientation!)
	Remove cover		Remove top section

»Battery installation



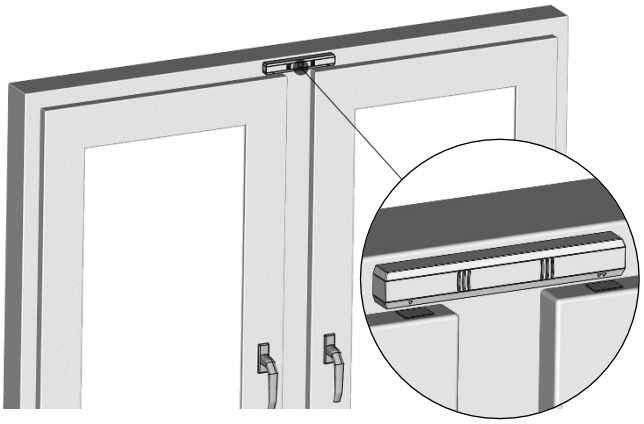
Insert the button cell in the mounting bracket.

Pay attention to button cell polarity!

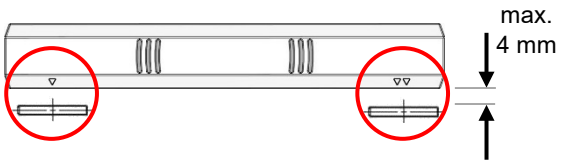
»ASSEMBLY AND COMMISSIONING

Mount the lower part of housing with adhesive tape (already mounted) or optional with screws onto the frame.
The window contact can be mounted horizontal, vertical or inclined.

Mounting example SRW03 Dual BAT (2 Reed contacts)



Mount the magnet flat as shown next to the arrow marking.

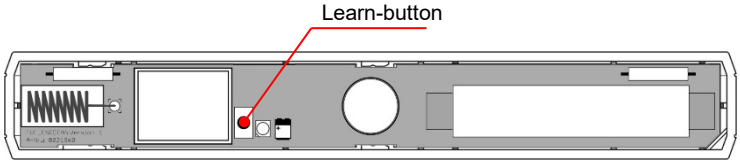


Observe the markings on the window contact! (distance 115 mm)

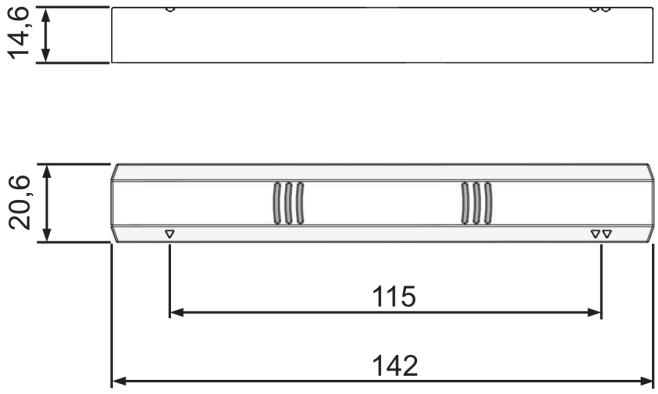
If only a single window casement is monitored with a dual window contact, both magnets must be mounted, or the remaining reed contact must be covered with the magnet (permanently switched/closed).

»TEACH-IN

By default, a 1BS teach-in telegram is transmitted by pressing the Learn button (opened device). Press the key on the back to trigger a teach-in telegram.
The teach-in telegram identifies the device manufacturer, the function and the type of the device.



»DIMENSIONS (MM)



»ACCESSORIES SRW03 DUAL BAT (INCLUDED IN SCOPE OF DELIVERY)

Battery 1,5V AAA (Micro) Item No. 739351