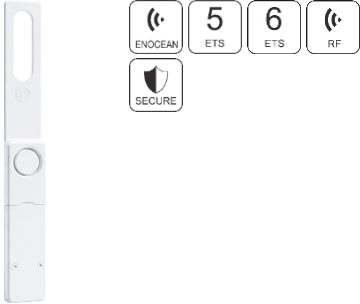


Data sheet

KNX RF / ENO Window Sensor 490 *secure*

With glass breakage detector, hidden mounting



(Art. # 5545)

Application area


The KNX RF / ENO Window Sensor 490 *secure* is a compact, discreet window sensor designed to detect the state of a window. It uses optical sensors to detect whether the window is open, closed, or tilted.

An integrated alarm indicates forced entry and broken glass. The window state is transmitted via KNX RF or EnOcean.

The device supports KNX Data Security and EnOcean Security.



Technical specification

- Electrical safety 
- Protection (acc. EN 60529): IP20
- CE marking according to
- Low voltage directive 2014 / 35 / EU
 - EMC directive 2014 / 30 / EU
 - Radio equipment directive 2014 / 53 / EU
 - RoHS directive 2011 / 65 / EU (RoHS2)
 - EN 63044-3: 2018
 - EN 63044-5-1: 2019 + A1: 2024
 - EN 63044-5-2: 2019 + A1: 2024
 - EN 63044-5-3: 2019 + A1: 2024
 - EN 61000-6-2: 2019
 - EN 61000-6-3: 2021
 - EN 63000: 2018
 - EN 300220-2: V3.2.1
- Environmental requirements
- Ambient temp. operating: -5..+45 °C
 - Ambient temp. non-op.: -25..+70 °C
 - Rel. humidity (non-condensing): 5..93 %
- Mechanical data
- Housing: plastic, white
 - Hidden installation in window rabbet
 - Dimensions: 197 x 24 x 8.2 mm
 - Weight: approx. 30 g (incl. batteries)
- Controls and indicators
- LED for display sending/state
 - Acoustic alarm for burglary or glass breakage
 - KNX programming button with LED (red)
- Power supply
- 3x Battery CR 2032
- Connectors
- Integrated antenna
- RF Interface
- KNX RF, ISM Band 868,3 MHz, FSK
Output power: -9 dBm
 - EnOcean, ISM Band 868,3 MHz, ASK
Output power: -9 dBm
 - EnOcean Equipment Profile EEP: A5-14-0A

Installation instructions

- The device may be used for permanent window rabbet installations.
- Pay attention to the correct polarity when inserting the battery.



WARNING

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.

WARNING ZUR BATTERIE

- Do not ingest battery, Chemical Burn Hazard.
- This product contains a coin cell battery. If the coin cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the appliance is not permanently installed, keep the product away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Improper handling of batteries can result in explosion, fire or chemical burn due to leakage.
- Do not heat or throw batteries into fire.
- Do not reverse polarity, short-circuit or recharge batteries.
- Do not deform or disassemble batteries.
- Replace batteries only with an identical or equivalent type.

DISPOSAL OF BATTERIES

- Remove empty batteries immediately and dispose of in an environmentally friendly manner.
- Do not throw batteries into household waste.
- Consult your local authorities about environmentally friendly disposal.
- Used batteries can be returned free of charge to retailers or municipal collection points.
- According to statutory provisions, the end consumer is obligated to return used batteries.



Product database for
ETS 5/6
[www.weinzierl.de/en/
products/490/ets6](http://www.weinzierl.de/en/products/490/ets6)

Manual
[www.weinzierl.de/en/
products/490/manual](http://www.weinzierl.de/en/products/490/manual)
CE Declaration
[www.weinzierl.de/en/
products/490/
ce-declaration](http://www.weinzierl.de/en/products/490/ce-declaration)

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